

Tema 5 - Preprocesadores CSS - SASS

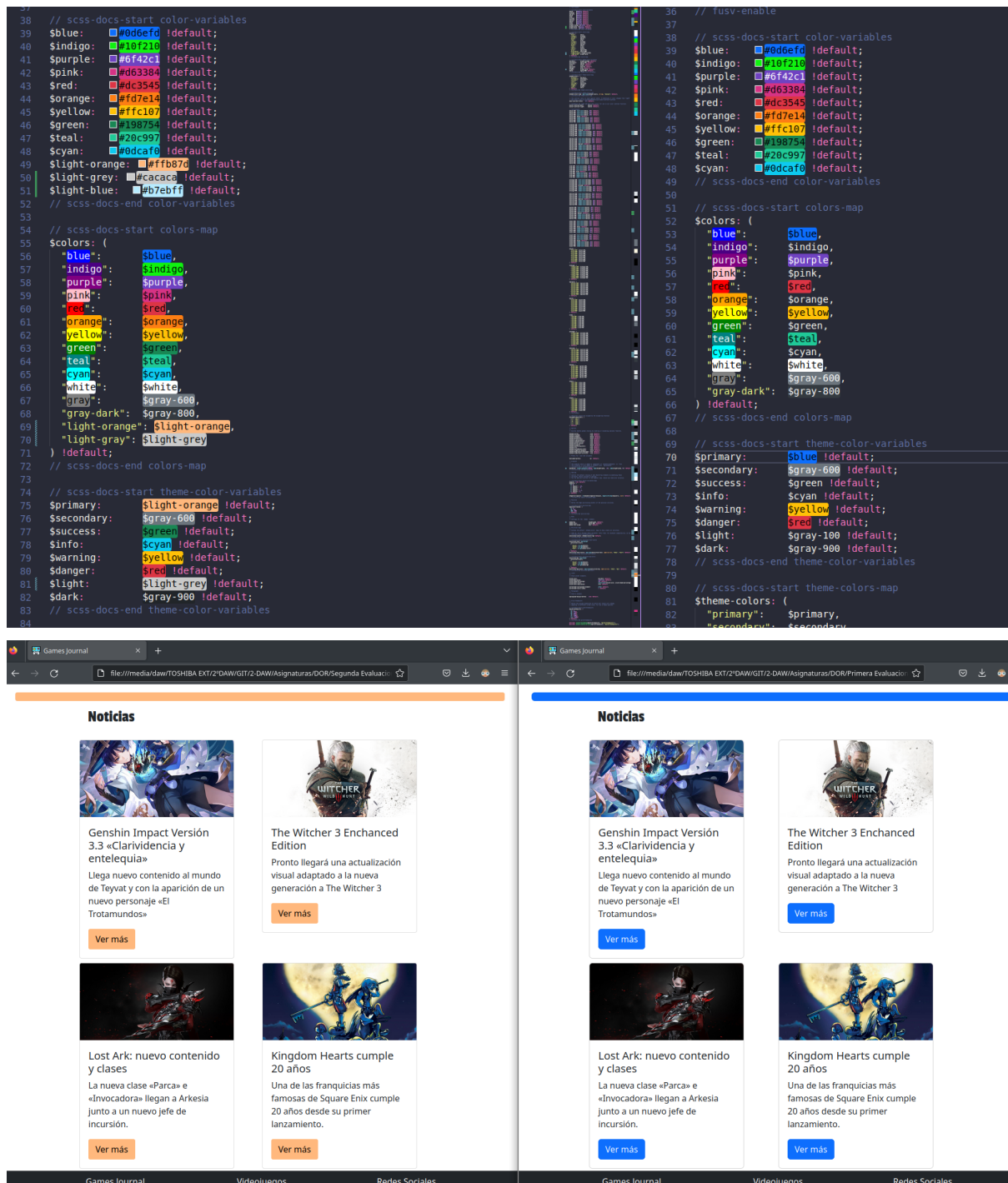
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2º DAW

Cambios en Bootstrap

Para los colores hicimos un cambio muy rápido, añadiendo nuevas variables como **\$light-orange**, **\$light-grey**, **\$light-blue** para luego por ejemplo sustituir el color **\$primary** que en vez de azul sea **\$light-orange** y que **\$light** sea **\$light-grey**



Body

Todo el background lo cambiaremos de **\$white** a **\$light-grey** y bajaremos el **\$body-color** de **\$grey-900** a **800**

DOR - Sass + Bootstrap

```
// Settings for the `<body>` element.
$body-bg: $light-grey !default;
$body-color: $gray-800 !default;
$body-text-align: null !default;

402 // Settings for the `<body>` element.
403
404 $body-bg: $white !default;
405 $body-color: $gray-900 !default;
406 $body-text-align: null !default;
407
```

Fuentes

Cambiamos tanto la fuente de los botones y la fuente de los input en los formularios en este caso los input sería la fuente **‘Oswald’** y los botones son **‘Pacífico’**

```
// Buttons + Forms
//
// Shared variables that are reassigned to `input-` and `btn-` specific values
// scss-docs-start input-btn-variables
$input-btn-padding-y: .375rem !default;
$input-btn-padding-x: .75rem !default;
$input-btn-font-family: 'Pacífico' !default;
$input-btn-font-size: $font-size-base !default;
$input-btn-line-height: $line-height-base !default;

$input-btn-focus-width: .25rem !default;
$input-btn-focus-color-opacity: .25 !default;
$input-btn-focus-color: rgba($component-active-bg, $input-btn-focus-color-opacity) !default;
$input-btn-focus-blur: 0 !default;
$input-btn-focus-box-shadow: 0 0 $input-btn-focus-blur $input-btn-focus-color !default;

$input-btn-padding-y-sm: .25rem !default;
$input-btn-padding-x-sm: .5rem !default;
$input-btn-font-size-sm: $font-size-sm !default;

$input-btn-padding-y-lg: .5rem !default;
$input-btn-padding-x-lg: 1rem !default;
$input-btn-font-size-lg: $font-size-lg !default;

$input-btn-border-width: $border-width !default;
// scss-docs-end input-btn-variables

739 // Buttons + Forms
740 //
741 // Shared variables that are reassigned to `input-` and `btn-` specific values
742 // scss-docs-start input-btn-variables
743 $input-btn-padding-y: .375rem !default;
744 $input-btn-padding-x: .75rem !default;
745 $input-btn-font-family: null !default;
746 $input-btn-font-size: $font-size-base !default;
747 $input-btn-line-height: $line-height-base !default;

750 $input-btn-focus-width: .25rem !default;
751 $input-btn-focus-color-opacity: .25 !default;
752 $input-btn-focus-color: rgba($component-active-bg, $input-btn-focus-color-opacity) !default;
753 $input-btn-focus-blur: 0 !default;
754 $input-btn-focus-box-shadow: 0 0 $input-btn-focus-blur $input-btn-focus-color !default;

755
756 $input-btn-padding-y-sm: .25rem !default;
757 $input-btn-padding-x-sm: .5rem !default;
758 $input-btn-font-size-sm: $font-size-sm !default;

759
760 $input-btn-padding-y-lg: .5rem !default;
761 $input-btn-padding-x-lg: 1rem !default;
762 $input-btn-font-size-lg: $font-size-lg !default;

763
764 $input-btn-border-width: $border-width !default;
765 // scss-docs-end input-btn-variables

//Cambios
// scss-docs-start form-input-variables
$input-padding-y: $input-btn-padding-y !default;
$input-padding-x: $input-btn-padding-x !default;
$input-font-family: 'Oswald' !default;
$input-font-size: $input-btn-font-size !default;
$input-font-weight: $font-weight-base !default;
$input-line-height: $input-btn-line-height !default;

836
837 // scss-docs-start form-input-variables
838 $input-padding-y: $input-btn-padding-y !default;
839 $input-padding-x: $input-btn-padding-x !default;
840 $input-font-family: $input-btn-font-family !default;
841 $input-font-size: $input-btn-font-size !default;
842 $input-font-weight: $font-weight-base !default;
843 $input-line-height: $input-btn-line-height !default;
844
```

También cambiamos la fuente para los heading a **‘Unbounded’**

```
// scss-docs-start headings-variables
$headings-margin-bottom: $spacer * .5 !default;
$headings-font-family: 'Unbounded' !default;
$headings-font-style: null !default;
$headings-font-weight: 500 !default;
$headings-line-height: 1.2 !default;
$headings-color: null !default;
// scss-docs-end headings-variables

621 // scss-docs-start headings-variables
622 $headings-margin-bottom: $spacer * .5 !default;
623 $headings-font-family: null !default;
624 $headings-font-style: null !default;
625 $headings-font-weight: 500 !default;
626 $headings-line-height: 1.2 !default;
627 $headings-color: null !default;
628 // scss-docs-end headings-variables
629
```

Navbar

Para el navbar cambiaremos todos los valores **\$white** a **\$light-grey**

```
//Cambio
// scss-docs-start navbar-theme-variables
$navbar-dark-color: rgba($light-grey, .55) !default;
$navbar-dark-hover-color: rgba($light-grey, .75) !default;
$navbar-dark-active-color: $light-grey !default;
$navbar-dark-disabled-color: rgba($light-grey, .25) !default;
$navbar-dark-toggler-icon-bg: url("data:image/svg+xml,svg xmlns='http://www.w3.org/2000/svg'><path d='<!-- ... -->'") !default;
$navbar-dark-toggler-border-color: rgba($light-grey, .1) !default;

$navbar-light-color: rgba($black, .55) !default;
$navbar-light-hover-color: rgba($black, .7) !default;
$navbar-light-active-color: rgba($black, .9) !default;
$navbar-light-disabled-color: rgba($black, .3) !default;
$navbar-light-toggler-icon-bg: url("data:image/svg+xml,svg xmlns='http://www.w3.org/2000/svg'><path d='<!-- ... -->'") !default;
$navbar-light-toggler-border-color: rgba($black, .1) !default;

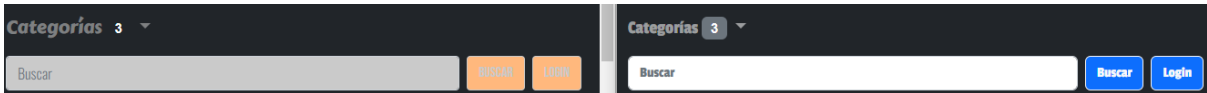
$navbar-light-brand-color: $navbar-light-active-color !default;
$navbar-light-brand-hover-color: $navbar-light-active-color !default;
$navbar-dark-brand-color: $navbar-dark-active-color !default;
$navbar-dark-brand-hover-color: $navbar-dark-active-color !default;
// scss-docs-end navbar-theme-variables

1128 // scss-docs-start navbar-theme-variables
1129 $navbar-dark-color: rgba($white, .55) !default;
1130 $navbar-dark-hover-color: rgba($white, .75) !default;
1131 $navbar-dark-active-color: $white !default;
1132 $navbar-dark-disabled-color: rgba($white, .25) !default;
1133 $navbar-dark-toggler-icon-bg: url("data:image/svg+xml,svg xmlns='http://www.w3.org/2000/svg'><path d='<!-- ... -->'") !default;
1134 $navbar-dark-toggler-border-color: rgba($white, .1) !default;

1136
1137 $navbar-light-color: rgba($black, .55) !default;
1138 $navbar-light-hover-color: rgba($black, .7) !default;
1139 $navbar-light-active-color: rgba($black, .9) !default;
1140 $navbar-light-disabled-color: rgba($black, .3) !default;
1141 $navbar-light-toggler-icon-bg: url("data:image/svg+xml,svg xmlns='http://www.w3.org/2000/svg'><path d='<!-- ... -->'") !default;
1142 $navbar-light-toggler-border-color: rgba($black, .1) !default;

1143
1144 $navbar-light-brand-color: $navbar-light-active-color !default;
1145 $navbar-light-brand-hover-color: $navbar-light-active-color !default;
1146 $navbar-dark-brand-color: $navbar-dark-active-color !default;
1147 $navbar-dark-brand-hover-color: $navbar-dark-active-color !default;
1148 // scss-docs-end navbar-theme-variables
1149
```

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Acordeón

El acordeón cambiamos el background a \$white y cambiamos las flechas de los botones para que sean flechas dentro de círculos

```
// scss-docs-start accordion-variables
$accordion-padding-y: 1rem !default;
$accordion-padding-x: 1.25rem !default;
$accordion-color: $body-color !default;
$accordion-bg: $white !default;
$accordion-border-width: $border-width !default;
$accordion-border-color: $border-color !default;
$accordion-border-radius: $border-radius !default;
$accordion-inner-border-radius: subtract($accordion-border-radius, $accordion-border-width) !default;

$accordion-body-padding-y: $accordion-padding-y !default;
$accordion-body-padding-x: $accordion-padding-x !default;

$accordion-button-padding-y: $accordion-padding-y !default;
$accordion-button-padding-x: $accordion-padding-x !default;
$accordion-button-color: $accordion-color !default;
$accordion-button-bg: $accordion-bg !default;
$accordion-transition: $btn-transition, border-radius .15s ease !default;
$accordion-button-active-bg: $tint-color($component-active-bg, 90%) !default;
$accordion-button-active-color: $shade-color($primary, 10%) !default;

$accordion-button-focus-border-color: $input-focus-border-color !default;
$accordion-button-focus-box-shadow: $btn-focus-box-shadow !default;

$accordion-icon-width: 1.25rem !default;
$accordion-icon-color: $accordion-button-color !default;
$accordion-icon-active-color: $accordion-button-active-color !default;
$accordion-icon-transition: transform .2s ease-in-out !default;
$accordion-icon-transform: rotate(-180deg) !default;

$accordion-button-icon: url("data:image/svg+xml,<svg xmlns='http://www.w3.org/2000/svg'><path d='M10 10 20 10'></path></svg>") !default;
$accordion-button-active-icon: url("data:image/svg+xml,<svg xmlns='http://www.w3.org/2000/svg'><path d='M10 10 20 10'></path></svg>") !default;
// scss-docs-end accordion-variables
```



Button

Para todos los botones cambiamos la fuente de todos los botones y la transición de los mismos

```
// For each of Bootstrap's buttons, define text, background, and border color
// scss-docs-start btn-variables
$btn-padding-y: $input-btn-padding-y !default;
$btn-padding-x: $input-btn-padding-x !default;
$btn-font-family: 'Bebas Neue' !default;
$btn-font-size: $input-btn-font-size !default;
$btn-line-height: $input-btn-line-height !default;
$btn-white-space: null !default; // Set to 'nowrap' to prevent text wrapping

$btn-transition: color .30s ease-in-out, background-color .30s ease-in-out, border-color .30s ease-in-out, box-shadow .30s ease-in-out;

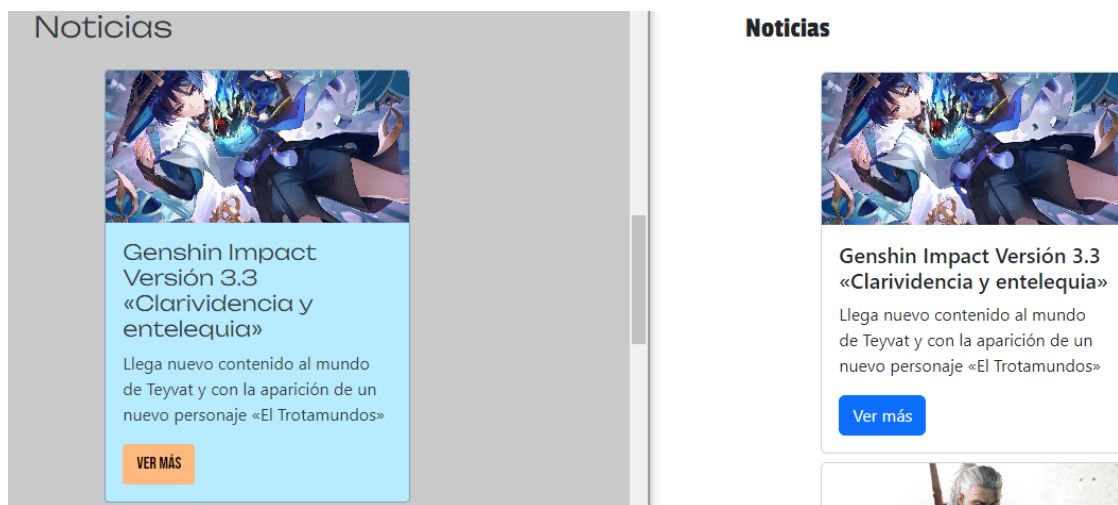
$btn-hover-bg-shade-amount: 15% !default;
$btn-hover-bg-tint-amount: 15% !default;
$btn-hover-border-shade-amount: 20% !default;
$btn-hover-border-tint-amount: 10% !default;
$btn-active-bg-shade-amount: 20% !default;
$btn-active-bg-tint-amount: 20% !default;
$btn-active-border-shade-amount: 25% !default;
$btn-active-border-tint-amount: 10% !default;
// scss-docs-end btn-variables
```

Cards

Para las cards en la página web añadimos sombra a la caja, **\$box-shadow** y cambiamos el fondo de **\$white** a **\$light-blue**

```
// Cards
//cambios
// scss-docs-start card-variables
$card-spacer-y: $spacer 1default;
$card-spacer-x: $spacer * .5 1default;
$card-title-spacer-y: $border-width 1default;
$card-border-width: $border-width 1default;
$card-border-color: rgba($black, .3) 1default;
$card-border-radius: $border-radius 1default;
$card-box-shadow: $box-shadow 1default;
$card-inner-border-radius: subtract($card-border-radius, $card-border-width) 1default;
$card-cap-padding-y: $card-spacer-y * .5 1default;
$card-cap-padding-x: $card-spacer-x 1default;
$card-cap-bg: null 1default;
$card-height: null 1default;
$card-color: null 1default;
$card-bg: $light-blue 1default;
$card-img-overlay-padding: $spacer 1default;
$card-group-margin: $grid-gutter-width * .5 1default;
// scss-docs-end card-variables

1250
1251 // Cards
1252
1253 // scss-docs-start card-variables
1254 $card-spacer-y: $spacer 1default;
1255 $card-spacer-x: $spacer * .5 1default;
1256 $card-title-spacer-y: $border-width 1default;
1257 $card-border-width: $border-width 1default;
1258 $card-border-color: rgba($black, .125) 1default;
1259 $card-border-radius: $border-radius 1default;
1260 $card-box-shadow: null 1default;
1261 $card-inner-border-radius: subtract($card-border-radius, $card-border-width) 1default;
1262 $card-cap-padding-y: $card-spacer-y * .5 1default;
1263 $card-cap-padding-x: $card-spacer-x 1default;
1264 $card-cap-bg: rgba($black, .03) 1default;
1265 $card-height: null 1default;
1266 $card-color: null 1default;
1267 $card-bg: $white 1default;
1268 $card-img-overlay-padding: $spacer 1default;
1269 $card-group-margin: $grid-gutter-width * .5 1default;
1270
1271 // scss-docs-end card-variables
```

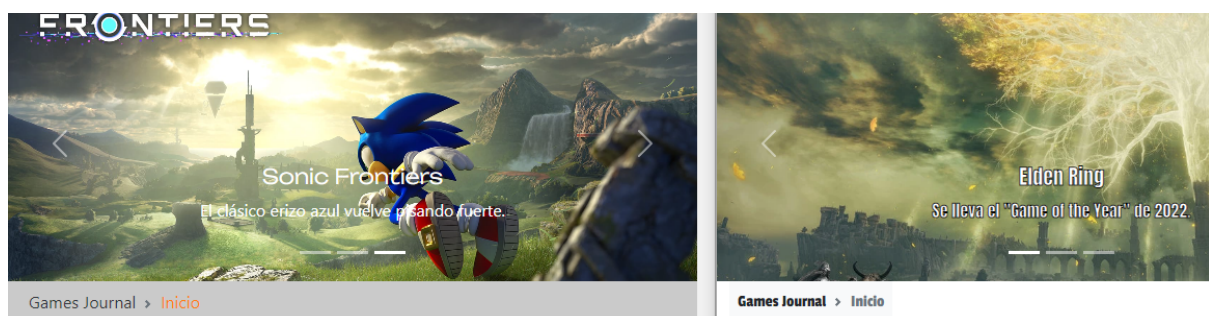


Breadcrumb

Cambiamos el background a **\$light-grey** y el color de la página activa a **\$orange**

```
// Breadcrumbs
//Cambios
// scss-docs-start breadcrumb-variables
$breadcrumb-font-size: null 1default;
$breadcrumb-padding-y: 0 1default;
$breadcrumb-padding-x: 0 1default;
$breadcrumb-item-padding-x: .5rem 1default;
$breadcrumb-margin-bottom: 1rem 1default;
$breadcrumb-bg: $light-grey 1default;
$breadcrumb-divider-color: $gray-600 1default;
$breadcrumb-active-color: $orange 1default;
$breadcrumb-divider: quote("/") 1default;
$breadcrumb-divider-flipped: $breadcrumb-divider 1default;
$breadcrumb-border-radius: null 1default;
// scss-docs-end breadcrumb-variables

1520
1521 // Breadcrumbs
1522
1523 // scss-docs-start breadcrumb-variables
1524 $breadcrumb-font-size: null 1default;
1525 $breadcrumb-padding-y: 0 1default;
1526 $breadcrumb-padding-x: 0 1default;
1527 $breadcrumb-item-padding-x: .5rem 1default;
1528 $breadcrumb-margin-bottom: 1rem 1default;
1529 $breadcrumb-bg: null 1default;
1530 $breadcrumb-divider-color: $gray-600 1default;
1531 $breadcrumb-active-color: $gray-600 1default;
1532 $breadcrumb-divider: quote("/") 1default;
1533 $breadcrumb-divider-flipped: $breadcrumb-divider 1default;
1534 $breadcrumb-border-radius: null 1default;
1535
1536 // scss-docs-end breadcrumb-variables
```



Modal

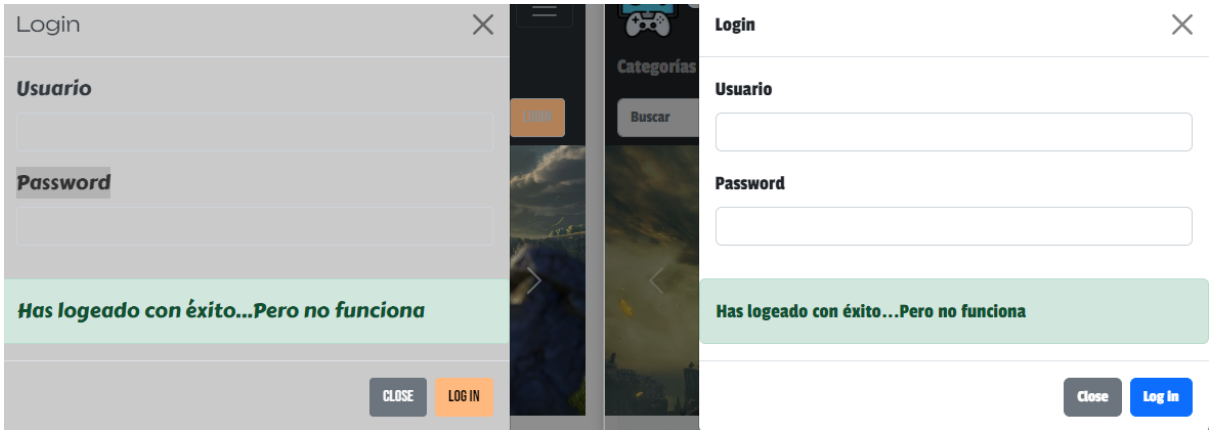
El fondo de modal cambiamos de **\$white** a **\$light-grey**, cambiamos la opacidad del backdrop a 0.3 y cambiamos la transición de 0.3 a 0.6s

```
$modal-content-bg: $light-gray !default;
$modal-content-border-color: rgba($black, .2) !default;
$modal-content-border-width: $border-width !default;
$modal-content-border-radius: $border-radius-lg !default;
$modal-content-inner-border-radius: subtract($modal-content-border-radius, $border-width) !default;
$modal-content-box-shadow-xs: $box-shadow-sm !default;
$modal-content-box-shadow-sm-up: $box-shadow !default;
//Cambios
$modal-backdrop-bg: $black !default;
$modal-backdrop-opacity: .3 !default;
$modal-header-border-color: $border-color !default;
$modal-footer-border-color: $modal-header-border-color !default;
$modal-header-border-width: $modal-content-border-width !default;
$modal-footer-border-width: $modal-header-border-width !default;
$modal-header-padding-y: $modal-inner-padding !default;
$modal-header-padding-x: $modal-inner-padding !default;
$modal-header-padding: $modal-header-padding-y $modal-header-padding-x $modal-header-padding-y !default;

$modal-sm: 300px !default;
$modal-md: 500px !default;
$modal-lg: 800px !default;
$modal-xl: 1140px !default;

$modal-fade-transform: translate(0, -50px) !default;
$modal-show-transform: none !default;
$modal-transition: transform .6s ease-out !default;
$modal-scale-transform: scale(1.02) !default;
// scss-docs-end modal-variables

1413 $modal-content-bg: $white !default;
1414 $modal-content-border-color: rgba($black, .2) !default;
1415 $modal-content-border-width: $border-width !default;
1416 $modal-content-border-radius: $border-radius-lg !default;
1417 $modal-content-inner-border-radius: subtract($modal-content-border-radius, $border-width) !default;
1418 $modal-content-box-shadow-xs: $box-shadow-sm !default;
1419 $modal-content-box-shadow-sm-up: $box-shadow !default;
1420
1421 $modal-backdrop-bg: $black !default;
1422 $modal-backdrop-opacity: .5 !default;
1423 $modal-header-border-color: $border-color !default;
1424 $modal-footer-border-color: $modal-header-border-color !default;
1425 $modal-header-border-width: $modal-content-border-width !default;
1426 $modal-footer-border-width: $modal-header-border-width !default;
1427 $modal-header-padding-y: $modal-inner-padding !default;
1428 $modal-header-padding-x: $modal-inner-padding !default;
1429 $modal-header-padding: $modal-header-padding-y $modal-header-padding-x $modal-header-padding-y !default;
1430
1431 $modal-sm: 300px !default;
1432 $modal-md: 500px !default;
1433 $modal-lg: 800px !default;
1434 $modal-xl: 1140px !default;
1435
1436 $modal-fade-transform: translate(0, -50px) !default;
1437 $modal-show-transform: none !default;
1438 $modal-transition: transform .3s ease-out !default;
1439 $modal-scale-transform: scale(1.02) !default;
1440 // scss-docs-end modal-variables
```

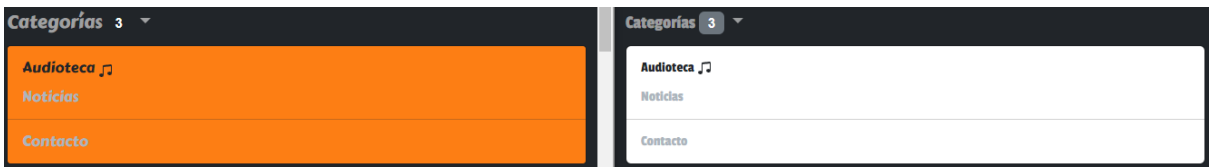


Dropdown

Para el dropdown cambiamos el fondo a **\$orange** y el **\$link-hover-bg** cambiamos a **\$primary** que seria **\$light-orange**

```
1162 // scss-docs-start dropdown-variables
1163 $dropdown-min-width: 10rem !default;
1164 $dropdown-padding-x: 0 !default;
1165 $dropdown-padding-y: .5rem !default;
1166 $dropdown-spacer: .125rem !default;
1167 $dropdown-font-size: $font-size-base !default;
1168 $dropdown-color: $body-color !default;
1169 $dropdown-bg: $orange !default;
1170 $dropdown-border-color: rgba($black, .15) !default;
1171 $dropdown-border-radius: $border-radius !default;
1172 $dropdown-border-width: $border-width !default;
1173 $dropdown-inner-border-radius: subtract($dropdown-border-radius, $dropdown-border-width) !default;
1174 $dropdown-divider-bg: $dropdown-border-color !default;
1175 $dropdown-divider-margin-y: $spacer * .5 !default;
1176 $dropdown-box-shadow: $box-shadow !default;
1177
1178 $dropdown-link-color: $gray-900 !default;
1179 $dropdown-link-hover-color: shade-color($dropdown-link-color, 10%) !default;
1180 $dropdown-link-hover-bg: $primary !default; // $gray a naranja
1181
1182 $dropdown-link-active-color: $component-active-color !default;
1183 $dropdown-link-active-bg: $component-active-bg !default;
1184
1185 $dropdown-link-disabled-color: $gray-500 !default;
1186
1187 $dropdown-item-padding-y: $spacer * .25 !default;
1188 $dropdown-item-padding-x: $spacer !default;
1189
1190 $dropdown-header-color: $gray-600 !default;
1191 $dropdown-header-padding: $dropdown-padding-y $dropdown-item-padding-x $dropdown-item-padding-y !default;
1192 // scss-docs-end dropdown-variables

1155 // scss-docs-start dropdown-variables
1156 $dropdown-min-width: 10rem !default;
1157 $dropdown-padding-x: 0 !default;
1158 $dropdown-padding-y: .5rem !default;
1159 $dropdown-spacer: .125rem !default;
1160 $dropdown-font-size: $font-size-base !default;
1161 $dropdown-color: $body-color !default;
1162 $dropdown-bg: $white !default;
1163 $dropdown-border-color: rgba($black, .15) !default;
1164 $dropdown-border-radius: $border-radius !default;
1165 $dropdown-border-width: $border-width !default;
1166 $dropdown-inner-border-radius: subtract($dropdown-border-radius, $dropdown-border-width) !default;
1167 $dropdown-divider-bg: $dropdown-border-color !default;
1168 $dropdown-divider-margin-y: $spacer * .5 !default;
1169 $dropdown-box-shadow: $box-shadow !default;
1170
1171 $dropdown-link-color: $gray-900 !default;
1172 $dropdown-link-hover-color: shade-color($dropdown-link-color, 10%) !default;
1173 $dropdown-link-hover-bg: $gray-200 !default;
1174
1175 $dropdown-link-active-color: $component-active-color !default;
1176 $dropdown-link-active-bg: $component-active-bg !default;
1177
1178 $dropdown-link-disabled-color: $gray-500 !default;
1179
1180 $dropdown-item-padding-y: $spacer * .25 !default;
1181 $dropdown-item-padding-x: $spacer !default;
1182
1183 $dropdown-header-color: $gray-600 !default;
1184 $dropdown-header-padding: $dropdown-padding-y $dropdown-item-padding-x $dropdown-item-padding-y !default;
1185 // scss-docs-end dropdown-variables
```



Resultado Final

