

크리에이터를 위한 코딩



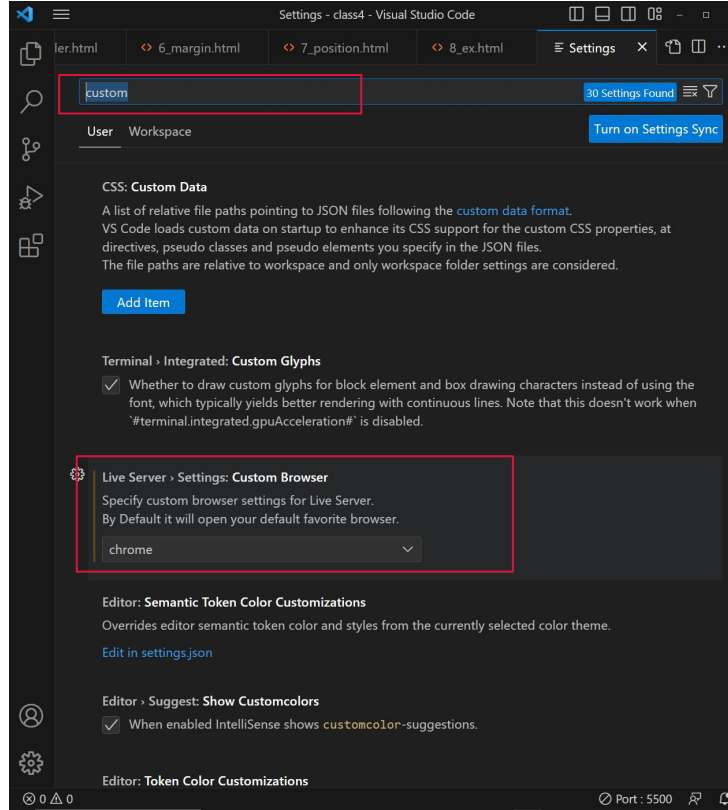
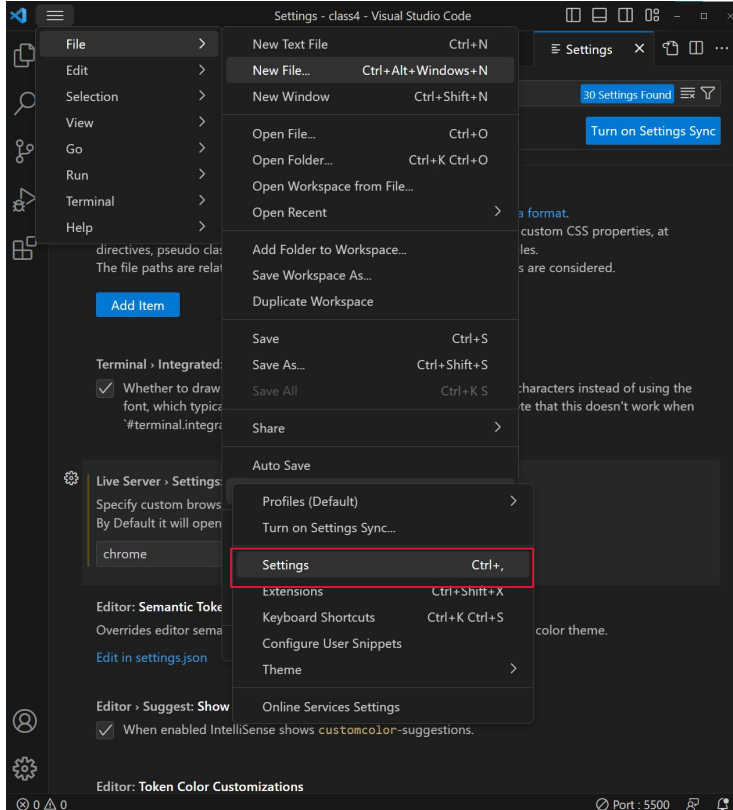
신원

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원하는 디자인을 정확히 구현할 수 있다.

크롬을 live server로 열기



overflow

콘텐츠가 범위를 넘어갈때 어떻게 처리할지 상황을 지정한다.

scroll / hidden / auto

```
<div class="scroll">Lorem ipsum dolor sit amet, consectetur adipiscing elit,  
sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat  
volutpat.</div>  
<div class="hidden">Lorem ipsum dolor sit amet, consectetur adipiscing elit,  
sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat  
volutpat.</div>  
<div class="auto">Lorem ipsum dolor sit amet, consectetur adipiscing elit,  
sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat  
volutpat.</div>
```

```
div {  
  width: 110px;  
  height: 110px;  
  margin: 20px;  
  background-color: lightblue;  
}  
div.scroll {  
  overflow: scroll;  
}  
div.hidden {  
  overflow: hidden;  
}  
div.auto {  
  overflow: auto;  
}
```

box-shadow

오브젝트에 그림자 요소를 추가한다.

box-shadow : h-offset v-offset blur spread color inset/initial/inherit ;

```
<div class="shadow1">박스박스박스</div>
<div class="shadow2">박스박스박스</div>
<div class="shadow3">박스박스박스</div>
<div class="shadow4">박스박스박스</div>
<div class="shadow5">박스박스박스</div>
```

```
div {
  width:200px;
  height:50px;
  padding:10px;
  margin:100px 0;
  border:1px solid #ccc;
}
.shadow1 {
  box-shadow: 5px 10px;
}
.shadow2 {
  box-shadow: 5px 10px red;
}
.shadow3 {
  box-shadow: 20px 25px 30px #888;
}
.shadow4 {
  box-shadow: 20px 25px 10px 10px #888;
}
.shadow5 {
  box-shadow: 20px 20px 50px 10px pink inset;
}
```

transform

오브젝트를 변형 한다.

transform 속성

transform : translate(x, y);

transform : rotate(deg);

transform : scale(숫자);

```
<div class="box">기본</div>
<div class="box move">이동</div>
<div class="box rotate">회전</div>
<div class="box scale">확대</div>
```

```
.box {
  width:100px;
  height:100px;
  background:aquamarine;
  margin:20px;
  font-size:40px;
}
.move {
  transform: translate(200px, 10px);
}
.rotate {
  transform: rotate(45deg);
}
.scale {
  transform: scale(1.4);
}
```

:hover

마우스를 올렸을때 css를 지정한다.

선택자:hover { 어쩌구저쩌구; }

transition

상황이 변화할때 부드럽게 전환된다.

transition:변경할 대상/all 초 가속;

```
<div class="box">마우스를 올려보세요!</div>
<div class="transform">커져라!</div>
```

```
.box {
  width:500px;
  height:100px;
  background:aquamarine;
  margin:20px;
  font-size:40px;
  transition: all 1s ease;
}

.box:hover {
  width:1000px;
  background:red;
}

.transform {
  width:100px;
  height:100px;
  background:deeppink;
  font-size:20px;
  color:#fff;
  transition: all 1s ease;
}

.transform:hover {
  transform:scale(1.2) rotate(90deg);
}
```

animation

animation: 애니메이션이름 재현시간 딜레이 가속 기타속성;
(forwards / infinite / alternate /)

keyframes 속성

```
@keyframes 애니메이션이름 {  
    0% {처음 동작}  
    100% {끝 동작}  
}
```

```
<div class="circle"></div>
```

```
.circle {  
    position: absolute;  
    top: 100px;  
    left: 100px;  
    width: 50px;  
    height: 50px;  
    background: aquamarine;  
    border: 5px solid #68372c;  
    border-radius: 50%;  
    animation: moving 2s 2s ease infinite alternate;  
}  
  
@keyframes moving {  
    0% {  
        position: absolute;  
        top: 100px;  
        left: 100px;  
    }  
    50% {  
        top: 300px;  
        left: 500px;  
    }  
    100% {  
        top: 600px;  
        left: 300px;  
    }  
}
```



```
<script src="https://use.fontawesome.com/95b73245b7.js"></script>  
<i class="fa fa-search" aria-hidden="true"></i>
```

검색 영역을 만들어보자

```
<div class="box_search">  
  <input type="text" placeholder="search">  
  <button type="button">검색</button>  
</div>
```



<https://codepen.io/ododog/pen/QarxjR>

<https://primer.style/design/foundations/icons>

<http://fontawesome.io/icons/>

```
body {  
  background:#17213F;  
}  
.box_search {  
  position:absolute;  
  top:50%;  
  left:50%;  
  margin-top:-26px;  
  margin-left:-239px;  
}  
.box_search input {  
  width:400px;  
  height:50px;  
  color:#ccc;  
  font-size:20px;  
  border:none;  
  background:rgba(0,0,0,.5);  
  padding:0 10px;  
  transition:all 1s ease;  
}  
.box_search input:focus {  
  color:#666;  
  background:#fff;  
}
```

```
.box_search button {  
  width:60px;  
  height:50px;  
  color:#aaa;  
  font-size:25px;  
  border:none;  
  border-radius:0 5px 5px 0;  
  background:rgba(0,0,0,.5);  
  vertical-align:top;  
  margin-left:-10px;  
  cursor:pointer;  
  transition:all 1s ease;  
}  
.box_search button svg {  
  fill:#666;  
}  
.box_search input:focus ~ button {  
  color:#fff;  
  background:#DB1B3B;  
}  
.box_search input:focus ~ button svg {  
  fill:#fff;  
}
```

CLASS 5.
실습

햄버거버튼 액션을 만들어 보자

```
<div class="ham">  
  <div class="top"></div>  
  <div class="middle"></div>  
  <div class="bottom"></div>  
</div>
```



<https://codepen.io/ododog/pen/NXYJzv>

CLASS 5.
실습

```
.ham {  
  width:100px;  
  height:100px;  
  border-radius:10px;  
  background:#16B273;  
  position:absolute;  
  top:50%;  
  left:50%;  
  margin-top:-50px;  
  margin-left:-50px;  
  cursor:pointer;  
}  
  
.ham > div {  
  width:60px;  
  height:10px;  
  background:#fff;  
  position:absolute;  
  left:20px;  
}  
  
.ham .top{  
  top:25px;  
}  
  
.ham .middle{  
  top:45px;  
}  
  
.ham .bottom{  
  top:65px;  
}
```

```
.ham:hover .top {  
  -webkit-animation:trans_1 .2s cubic-bezier(.17,.67,0,1.55)  
  forwards;  
}  
  
.ham:hover .middle {  
  -webkit-animation:run .2s ease-in-out forwards;  
}  
  
.ham:hover .bottom {  
  -webkit-animation:trans_2 .2s cubic-bezier(.17,.67,0,1.55)  
  forwards;  
}  
  
@-webkit-keyframes run {  
  0%{left:20px;}  
  99%{left:-100px;}  
  100%{opacity:0;}  
}  
  
@-webkit-keyframes trans_1 {  
  0%{transform:rotate(0deg);}  
  100%{transform:rotate(45deg);top:45px;}  
}  
  
@-webkit-keyframes trans_2 {  
  0%{transform:rotate(0deg);}  
  100%{transform:rotate(-45deg);top:45px;}  
}
```

오늘 배운 애니메이션을 활용해 새로운 햄버거버튼 애니메이션을 완성해 보자
(최대한 많이 요란하게 신나게)

기 한 : 6월 30일 23:59

파일명: 날짜_학번_이름

<https://heaps-stacks.com/info/>

<https://codepen.io/trending>

<https://www.gdweb.co.kr/main/index.asp>