标签默认样式及清除

一、标签默认样式

一些HTML标签在浏览器中会有默认样式，例如：body标签会有margin:8px；ul标签会有margin:16px 0;及padding-left:40px。

当我们在切图软件中进行尺寸或位置测量的时候，把测量出来的数值设置到对应的标签上时，可能会受到当前标签默认样式的影响，从而页面显示效果跟设计图效果不符。

二、清除默认样式

通常在网页开发中，要去掉这些影响尺寸和位置的默认样式及其他影响布局的默认值。可以参考 CSS Tools: Reset CSS 方案。

```
html, body, div, span, applet, object, iframe,
h1, h2, h3, h4, h5, h6, p, blockquote, pre,
a, abbr, acronym, address, big, cite, code,
del, dfn, em, img, ins, kbd, q, s, samp,
small, strike, strong, sub, sup, tt, var,
b, u, i, center,
dl, dt, dd, ol, ul, li,
fieldset, form, label, legend,
table, caption, tbody, tfoot, thead, tr, th, td,
article, aside, canvas, details, embed,
figure, figcaption, footer, header, hgroup,
menu, nav, output, ruby, section, summary,
time, mark, audio, video {
 margin: 0;
 padding: 0;
 border: 0;
 font-size: 100%;
 font: inherit;
 vertical-align: baseline;
}
/* HTML5 display-role reset for older browsers */
article, aside, details, figcaption, figure,
footer, header, hgroup, menu, nav, section {
 display: block;
}
body {
 line-height: 1;
}
ol, ul {
 list-style: none;
}
blockquote, q {
 quotes: none;
}
blockquote:before, blockquote:after,
q:before, q:after {
 content: '';
 content: none;
}
table {
 border-collapse: collapse;
 border-spacing: 0;
}
```

由于Reset CSS相对"暴力"，不管你有没有用，统统重置成一样的效果，且影响的范围很大，所以更加"平和"的一种方式 Normalize CSS 诞生了。

Normalize CSS可以看成是一种Reset CSS的替代方案。创造Normalize CSS有下面这几个目的：

- 保护有用的浏览器默认样式而不是完全去掉它们
- 一般化的样式：为大部分HTML元素提供
- 修复浏览器自身的bug并保证各浏览器的一致性
- 优化CSS可用性：用一些小技巧
- 解释代码：用注释和详细的文档来

```
html {
  line-height: 1.15; /* 1 */
  -webkit-text-size-adjust: 100%; /* 2 */
}
body {
  margin: 0;
}
main {
  display: block;
}
h1 {
  font-size: 2em;
  margin: 0.67em 0;
}
hr {
  box-sizing: content-box; /* 1 */
  height: 0; /* 1 */
  overflow: visible; /* 2 */
}
pre {
  font-family: monospace, monospace; /* 1 */
  font-size: 1em; /* 2 */
}
a {
  background-color: transparent;
}
abbr[title] {
  border-bottom: none; /* 1 */
  text-decoration: underline; /* 2 */
  text-decoration: underline dotted; /* 2 */
}
b,
strong {
  font-weight: bolder;
}
code,
kbd,
samp {
  font-family: monospace, monospace; /* 1 */
  font-size: 1em; /* 2 */
}
small {
  font-size: 80%;
}
sub,
sup {
  font-size: 75%;
  line-height: 0;
  position: relative;
  vertical-align: baseline;
}
sub {
  bottom: -0.25em;
}
sup {
  top: -0.5em;
}
img {
```

```css
  border-style: none;
}
button,
input,
optgroup,
select,
textarea {
  font-family: inherit; /* 1 */
  font-size: 100%; /* 1 */
  line-height: 1.15; /* 1 */
  margin: 0; /* 2 */
}
button,
input { /* 1 */
  overflow: visible;
}
button,
select { /* 1 */
  text-transform: none;
}
button,
[type="button"],
[type="reset"],
[type="submit"] {
  -webkit-appearance: button;
}
button::-moz-focus-inner,
[type="button"]::-moz-focus-inner,
[type="reset"]::-moz-focus-inner,
[type="submit"]::-moz-focus-inner {
  border-style: none;
  padding: 0;
}
button:-moz-focusring,
[type="button"]:-moz-focusring,
[type="reset"]:-moz-focusring,
[type="submit"]:-moz-focusring {
  outline: 1px dotted ButtonText;
}
fieldset {
  padding: 0.35em 0.75em 0.625em;
}
legend {
  box-sizing: border-box; /* 1 */
  color: inherit; /* 2 */
  display: table; /* 1 */
  max-width: 100%; /* 1 */
  padding: 0; /* 3 */
  white-space: normal; /* 1 */
}
progress {
  vertical-align: baseline;
}
textarea {
  overflow: auto;
}
[type="checkbox"],
[type="radio"] {
  box-sizing: border-box; /* 1 */
  padding: 0; /* 2 */
}
[type="number"]::-webkit-inner-spin-button,
[type="number"]::-webkit-outer-spin-button {
  height: auto;
}
[type="search"] {
  -webkit-appearance: textfield; /* 1 */
  outline-offset: -2px; /* 2 */
}
[type="search"]::-webkit-search-decoration {
  -webkit-appearance: none;
}
::-webkit-file-upload-button {
  -webkit-appearance: button; /* 1 */
  font: inherit; /* 2 */
}
details {
  display: block;
}
summary {
  display: list-item;
}
template {
  display: none;
}
[hidden] {
  display: none;
}
```

在后面章节中编写的实战案例部分，会采用Normalize CSS和Reset CSS结合代码，形成一个更加强大的方案，文件命名为reset.css，代码如下，当然后面章节中也会直接把文件提供给同学们：

```css
@charset "utf-8";

/* --------------------重置样式-------------------------------- */

body,
h1,
h2,
h3,
h4,
h5,
h6,
hr,
p,
blockquote,
dl,
dt,
dd,
ul,
ol,
li,
button,
input,
textarea,
th,
td {
    margin : 0;
    padding: 0
}

/*设置默认字体*/
body {
    font-size  : 14px;
    font-style : normal;
    font-family: -apple-system, BlinkMacSystemFont, segoe ui, Roboto, helvetica neue, Arial, noto sans, sans-serif, apple color emoji, segoe ui emoji, segoe ui symbol, noto color
}

/*字体太小用户体检不好，让small恢复12px*/
small {
    font-size: 12px
```

```css
}

h1 {
    font-size: 18px
}

h2 {
    font-size: 16px
}

h3 {
    font-size: 14px
}

h4,
h5,
h6 {
    font-size: 100%
}

ul,
ol {
    list-style: none
}

a {
    text-decoration : none;
    background-color: transparent
}

a:hover,
a:active {
    outline-width  : 0;
    text-decoration: none
}

/*重置表格*/
table {
    border-collapse: collapse;
    border-spacing : 0
}

/*重置hr*/
hr {
    border: 0;
    height: 1px
}

/*图形图片*/
img {
    border-style: none
}

img:not([src]) {
    display: none
}

svg:not(:root) {
    overflow: hidden
}

/*下面的操作是针对于html5页面布局准备的，不支持ie6~8以及其他低版本的浏览器*/
html {
    /*禁用系统默认菜单*/
    -webkit-touch-callout   : none;
    /*关闭iphone & Android的浏览器纵向和横向模式中自动调整字体大小的功能*/
    -webkit-text-size-adjust: 100%
}

input,
textarea,
button,
a {
    /*表单或者a标签在手机点击时会出现边框或彩色的背景区域，意思是去除点击背景框*/
    -webkit-tap-highlight-color: rgba(0, 0, 0, 0)
}

/*重置html5元素的默认样式*/
article,
aside,
details,
figcaption,
figure,
footer,
header,
main,
menu,
nav,
section,
summary {
    display: block
}

audio,
canvas,
progress,
video {
    display: inline-block
}

audio:not([controls]),
video:not([controls]) {
    display: none;
    height : 0
}

progress {
    vertical-align: baseline
}

mark {
    background-color: #ff0;
    color           : #000
}

sub,
sup {
    position      : relative;
    font-size     : 75%;
    line-height   : 0;
    vertical-align: baseline
}

sub {
    bottom: -0.25em
}

sup {
    top: -0.5em
}
```

```css
button,
input,
select,
textarea {
    font-size: 100%;
    outline  : 0
}

button,
input {
    overflow: visible
}

button,
select {
    text-transform: none
}

textarea {
    overflow: auto
}

button,
html [type="button"],
[type="reset"],
[type="submit"] {
    -webkit-appearance: button
}

button::-moz-focus-inner,
[type="button"]::-moz-focus-inner,
[type="reset"]::-moz-focus-inner,
[type="submit"]::-moz-focus-inner {
    border-style: none;
    padding      : 0
}

button:-moz-focusring,
[type="button"]:-moz-focusring,
[type="reset"]:-moz-focusring,
[type="submit"]:-moz-focusring {
    outline: 1px dotted ButtonText
}

[type="checkbox"],
[type="radio"] {
    box-sizing: border-box;
    padding   : 0
}

[type="number"]::-webkit-inner-spin-button,
[type="number"]::-webkit-outer-spin-button {
    height: auto
}

[type="search"] {
    -webkit-appearance: textfield;
    outline-offset    : -2px
}

[type="search"]::-webkit-search-cancel-button,
[type="search"]::-webkit-search-decoration {
    -webkit-appearance: none
}

::-webkit-input-placeholder {
    color  : inherit;
    opacity: .54
}

::-webkit-file-upload-button {
    -webkit-appearance: button;
    font              : inherit
}
```