

LESS CHEATSHEET BY @CODE4MK

.less

Variable

```
@color: red;
@bg-color: @color;
```

Nesting

```
.users{
  color: red;
  background: blue;
  .profile{
    color: white;
  }
}
/* users .profile */
```

Import

```
@import "profile/btn"
```

Mixin

```
.my-mixin(@color; @bg-color: red) {
  color: @color;
  background: @bg-color;
}

.profile{
  font-size: 25px;
  .my-mixin(yellow;green);
}
```

Scope

```
@color: red;
.users{
  @color: blue;
  color: @color;
  /* color: blue */
}
.profile{
  color: @color;
  /* color: red; */
}
```

Namespace / extend with namespace

```
.profile{
  .btn {
    color: red;
  }
  .verified{
    font-size: 25px;
  }
}

.post{
  .profile > .btn;
  background: red;
}
```

Variable Interpolation

```
@border: left;
.profile{
  border-@{border}: 2px solid red;
  /* border-left: 2px solid red */
}
```

Name variable

```
@color: red;
@bg-color: "color";

.profile{
  background-color: @@bg-color;
}
```

Extends / Inheritance

```
.profile{
  color: red;
}

.user{
  &:extend(.profile);
  Font-size: 25px;
}
```

Code4mk organization

<https://code4mk.org>

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Mixin @arguments

```
.profile(@width;@style;@color){
  border: @arguments;
}
.users{
  .profile(2px;solid;red);
}
```

Loop

```
.my-loop(@i) when (@i>=0){
  .my-loop(@i - 1);
  width: 2px * @i;
}
.profile{
  .my-loop(5);
}
```

Mixin as function

```
.profile(){
  @color: red;
  @bg-color: yellow;
}
.users{
  .profile();
  color: @color;
  background: @bg-color;
}
```

Merge with comma

```
.mixin() {
  box-shadow+: inset 0 0 10px #555;
}
.myclass {
  .mixin();
  box-shadow+: 0 0 20px black;
}
*box-shadow: inset 0 0 10px #555, 0 0
20px black;*/
```

Mixin ruleset

```
@profile: {
  color: red;
  font-size: 25px;
};
.users{
  @profile();
}
```

Merge without comma

```
.mixin() {
  box-shadow+_: inset 0 0 10px #555;
}
.myclass {
  .mixin();
  box-shadow+_: 0 0 20px black;
}
*box-shadow: inset 0 0 10px #555 0 0
20px black;*/
```

Mixin guards / condition

```
.profile($color) when (condition){
  .....
}
.profile($color) when (condition){
  .....
}
.profile($color) {
  .....
}

/* operator >, >=, =, <=, < */
```

Parent Selectors

```
.link {
  &:hover {
    color: green;
  }
  & + & {
    color: red;
  }
  & & {
    color: green;
  }
  && {
    color: blue;
  }
  &, &ish {
    color: cyan;
  }
}
```

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