

Converting Colors

RGB(40, 193, 118)

Have a look what the booklet for
RGB(40, 193, 118) contains.

RGB(40, 193, 118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(40, 193, 118)

Conversions

Conversions Part 1

Format	Color
Hex	28C176
RGB	40, 193, 118
RGB Percent	16%, 76%, 46%
CMY	0.8431, 0.2431, 0.5373
CMYK	0.79, 0.00, 0.39, 0.24
HSL	151°, 66%, 46%
HSV	151°, 79%, 76%
XYZ	23.2151, 39.8991, 23.6173
YIQ	138.7030, -67.1130, -55.7610

Conversions

Conversions Part 2

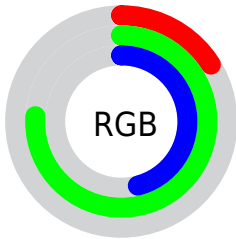
Format	Color
RYB	40, 141, 193
Decimal	2670966
CIELab	69.40, -55.55, 27.07
CIELCh	69, 61.792, 154.019
Yxy	39.8991, 0.2677, 0.4600
Android (android.graphics.Color)	4280861046 (0xFF28C176)
YUV	138.7030, -10.2066, -86.5625
Hunter-Lab	63.1657, -44.9365, 22.0478

Details

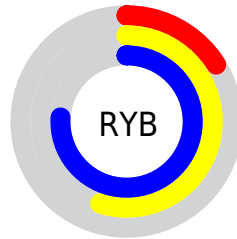
The RGB color **40, 193, 118** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **193, 40, 115**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **111, 251, 171**, and **0, 138, 69** is the 20% darker color. If you saturate the color by 10%, you get **21, 193, 109**, and if you desaturate by 10%, it is **59, 193, 127**.

Distribution



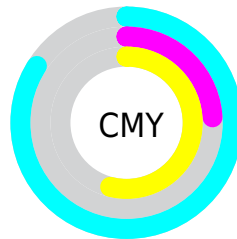
- Red (16%)
- Green (76%)
- Blue (46%)



- Red (16%)
- Yellow (55%)
- Blue (76%)



- Cyan (79%)
- Magenta (0%)
- Yellow (39%)
- Black (24%)





- Cyan (84%)
- Magenta (24%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the RGB color 40, 193, 118 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 40, 193, 118 by changing the saturation by 10% instead.


 40, 193, 118

 40, 193, 118


255, 255, 255

 0, 165, 93

 111, 251, 171

 0, 138, 69

 141, 255, 198

 0, 112, 45

 171, 255, 226

 0, 86, 22


 202, 255, 255


 0, 61, 0


 232, 255, 255


 0, 38, 0

 0, 0, 0

 40, 193, 118

 40, 193, 118

 21, 193, 109

 59, 193, 127

■ 1, 193, 99

■ 79, 193, 137

■ 0, 193, 98

■ 98, 193, 146

■ 117, 193, 156

■ 137, 193, 165

■ 156, 193, 175

■ 175, 193, 184

■ 194, 193, 194

■ 214, 193, 203

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



135, 184, 70



40, 193, 118



0, 197, 176

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40, 193, 118



57, 173, 255



255, 127, 110

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40, 193, 118



193, 40, 115

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 118, 164



40, 193, 118



182, 151, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40, 193, 118



0, 188, 255



244, 129, 220



238, 148, 67

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40, 193, 118



0, 196, 213



244, 129, 220



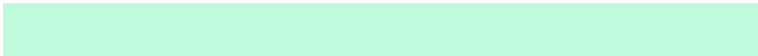
255, 122, 127

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40, 193, 118



190, 250, 220



117, 193, 40



89, 125, 107



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40, 193, 118



12, 250, 134



40, 193, 193



87, 97, 92



0, 161, 82



0, 33, 17

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



193, 40, 115



250, 12, 129



193, 40, 40



97, 87, 92



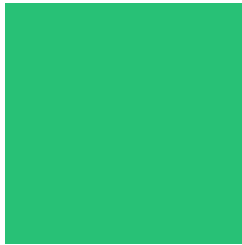
161, 0, 79



33, 0, 16

Previews

White Background



This preview shows how the RGB color 40, 193, 118 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 40, 193, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

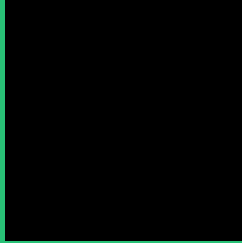
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 40, 193, 118 Background



This preview shows how black text looks on a background with the RGB color 40, 193, 118.

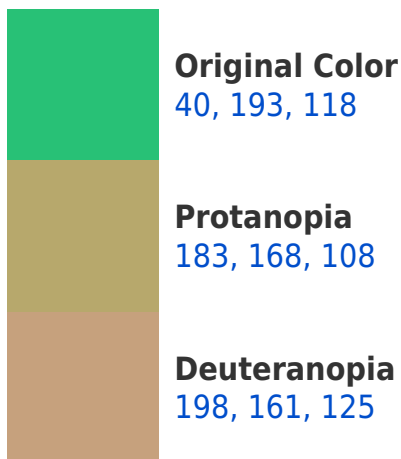


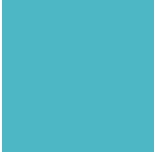
This preview shows how white text looks on a background with the RGB color 40, 193, 118.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
78, 183, 198

Trichromacy



Original Color

40, 193, 118



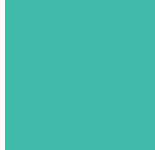
Protanomaly

131, 177, 112



Deuteranomaly

141, 173, 122



Tritanomaly

64, 187, 169

Monochromacy



Original Color

40, 193, 118



Achromatopsia

139, 139, 139



Achromatomaly

103, 159, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 40, 193, 118 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(40, 193, 118)` looks like.

```
.text, #text, p{  
    color:rgb(40, 193, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(40, 193, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 193, 118) }
```

Border

The CSS property to change the border of an element to RGB 40, 193, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(40, 193, 118) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(40, 193, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(40, 193, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 193, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 193, 118);  
box-shadow:4px 4px 4px 4px rgb(40, 193,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 40, 193, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 193, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(40, 193,  
118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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