

Converting Colors

RGB(40, 129, 129)

Have a look what the booklet for
RGB(40, 129, 129) contains.

RGB(40, 129, 129)	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, 129, 129)

Conversions

Conversions Part 1	
Format	Color
Hex	288181
RGB	40, 129, 129
RGB Percent	16%, 51%, 51%
CMY	0.8431, 0.4941, 0.4941
CMYK	0.69, 0.00, 0.00, 0.49
HSL	180°, 53%, 33%
HSV	180°, 69%, 51%
XYZ	12.6878, 17.7366, 23.5237
YIQ	102.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

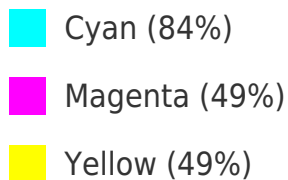
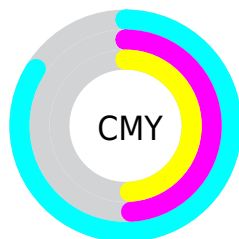
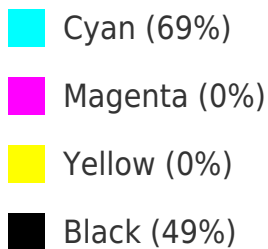
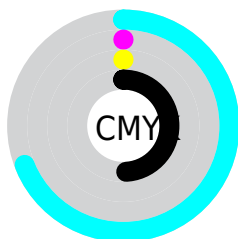
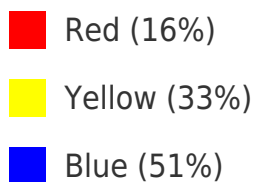
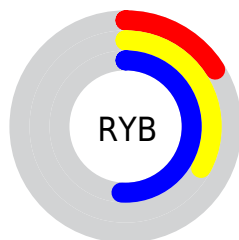
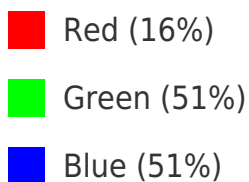
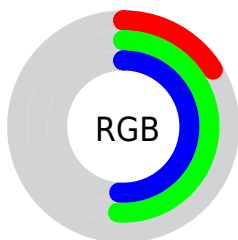
Format	Color
RYB	40, 85, 129
Decimal	2654593
CIELab	49.18, -25.39, -7.64
CIELCh	49, 26.515, 196.741
Yxy	17.7366, 0.2352, 0.3288
Android (android.graphics.Color)	4280844673 (0xFF288181)
YUV	102.3890, 13.1192, -54.7152
Hunter-Lab	42.1149, -19.9250, -3.6366

Details

The RGB color **40, 129, 129** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **129, 40, 40**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **99, 182, 182**, and **0, 79, 80** is the 20% darker color. If you saturate the color by 10%, you get **27, 129, 129**, and if you desaturate by 10%, it is **53, 129, 129**.















Distribution




Brightness & Saturation Gradients


These gradients show how the RGB color 40, 129, 129 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, 129, 129 by changing the saturation by 10% instead.


 40, 129, 129	 40, 129, 129
255, 255, 255	 0, 104, 104
 99, 182, 182	 0, 79, 80
 127, 210, 209	 0, 56, 57
 155, 238, 238	 0, 35, 36
 183, 255, 255	 0, 1, 15
 212, 255, 255	 0, 0, 0
 242, 255, 255	

 40, 129, 129	 40, 129, 129
 27, 129, 129	 53, 129, 129


 14, 129, 129

 66, 129, 129

 1, 129, 129


 79, 129, 129

 0, 129, 129

 92, 129, 129

 105, 129, 129

 117, 129, 129

 130, 129, 129

 143, 129, 129

 156, 129, 129

Harmonies

Analogous

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



66, 128, 106



40, 129, 129



38, 127, 149

Triad

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



40, 129, 129



135, 107, 148



141, 112, 73

Complementary

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



40, 129, 129



129, 40, 40

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.



156, 105, 85



40, 129, 129



155, 101, 128

Square

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



40, 129, 129



105, 115, 160



161, 100, 105



119, 119, 73

Rectangle

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



40, 129, 129



57, 124, 158



161, 100, 105



147, 109, 76

Sweetspot

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



40, 129, 129



133, 168, 168



40, 129, 40



63, 84, 84



212, 212, 212



84, 84, 84

Same Dimension

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



40, 129, 129



29, 168, 168



40, 85, 129



57, 64, 64



0, 128, 128



0, 0, 0

Inverse Universe

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



129, 40, 129



168, 29, 168



129, 85, 40



64, 57, 64



128, 0, 128



0, 0, 0

Previews

White Background



This preview shows how the RGB color 40, 129, 129 looks on a white 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 × Fail

Black Background



This preview shows how the RGB color 40, 129, 129 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 × Fail

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

RGB 40, 129, 129 Background



This preview shows how black text looks on a background with the RGB color 40, 129, 129.

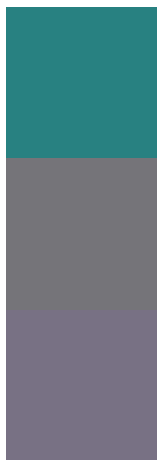


This preview shows how white text looks on a background with the RGB color 40, 129, 129.

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



Original Color

40, 129, 129

Protanopia

117, 116, 121

Deuteranopia


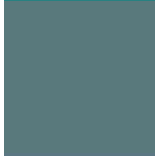


120, 113, 132






Tritanopia

45, 128, 138

Trichromacy

	Original Color 40, 129, 129
	Protanomaly 89, 121, 124
	Deuteranomaly 91, 119, 131
	Tritanomaly 43, 128, 135

Monochromacy

	Original Color 40, 129, 129
	Achromatopsia 102, 102, 102
	Achromatomaly 79, 112, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 40, 129, 129 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, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(40, 129, 129)  
}
```

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, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 129, 129) }
```

Border

The CSS property to change the border of an element to RGB 40, 129, 129 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, 129, 129) }
```

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

```
.border{ border-color:rgb(40, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(40, 129,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 40, 129, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 129, 129) }
```

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

```
.background{ background-color: rgb(40, 129,  
129) }
```

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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