

Converting Colors

RGB(43, 123, 124)

Have a look what the booklet for
RGB(43, 123, 124) contains.

RGB(43, 123, 124)	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(43, 123, 124)

Conversions

Conversions Part 1	
Format	Color
Hex	2B7B7C
RGB	43, 123, 124
RGB Percent	17%, 48%, 49%
CMY	0.8314, 0.5176, 0.5137
CMYK	0.65, 0.01, 0.00, 0.51
HSL	181°, 49%, 33%
HSV	181°, 65%, 49%
XYZ	11.7173, 16.1347, 21.5655
YIQ	99.1940, -48.0010, -16.6490

Conversions

Conversions Part 2

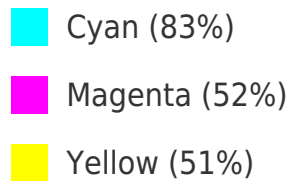
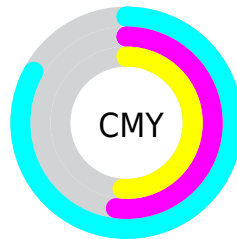
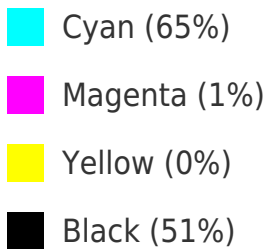
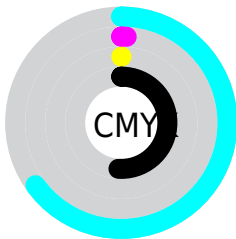
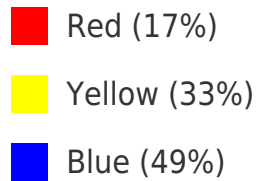
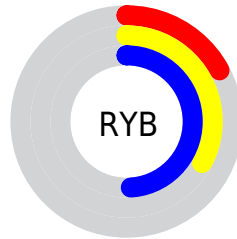
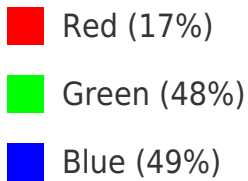
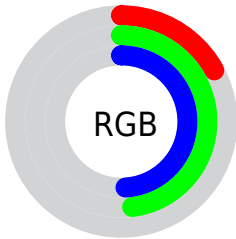
Format	Color
RYB	43, 83, 124
Decimal	2849660
CIELab	47.15, -23.35, -7.70
CIELCh	47, 24.591, 198.250
Yxy	16.1347, 0.2371, 0.3265
Android (android.graphics.Color)	4281039740 (0xFF2B7B7C)
YUV	99.1940, 12.2294, -49.2821
Hunter-Lab	40.1681, -18.2244, -3.7141

Details

The RGB color **43, 123, 124** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **124, 44, 43**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **100, 176, 176**, and **0, 74, 75** is the 20% darker color. If you saturate the color by 10%, you get **31, 123, 124**, and if you desaturate by 10%, it is **55, 123, 124**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 43, 123, 124 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 43, 123, 124 by changing the saturation by 10% instead.



43, 123, 124



43, 123, 124

255, 255, 255



1, 98, 99



100, 176, 176



0, 74, 75



127, 203, 204



0, 51, 53



155, 232, 232



0, 31, 31



183, 255, 255



0, 0, 7



212, 255, 255



0, 0, 0



241, 255, 255



43, 123, 124









43, 123, 124



31, 123, 124



55, 123, 124

 18, 123, 124 68, 123, 124 6, 123, 124 80, 123, 124 0, 122, 124 93, 124, 124 105, 124, 124 117, 124, 124 130, 124, 124 142, 124, 124 155, 124, 124

Harmonies

Analogous

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



65, 123, 103



43, 123, 124



44, 121, 142

Triad

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



43, 123, 124



130, 102, 139



133, 108, 71

Complementary

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



43, 123, 124



124, 44, 43

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.



147, 101, 82



43, 123, 124



147, 97, 121

Square

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



43, 123, 124



103, 109, 151



153, 97, 100



113, 115, 72

Rectangle

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



43, 123, 124



60, 118, 150



153, 97, 100



139, 105, 74

Sweetspot

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



43, 123, 124



129, 160, 161



43, 124, 43



62, 81, 82



209, 209, 209



82, 82, 82

Same Dimension

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



43, 123, 124



35, 159, 161



43, 84, 124



55, 61, 61



0, 123, 125



0, 249, 252

Inverse Universe

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



124, 43, 123



161, 35, 159



124, 84, 43



61, 55, 61



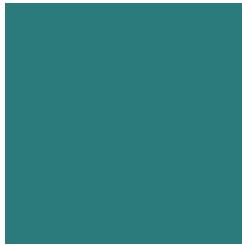
125, 0, 123



252, 0, 249

Previews

White Background



This preview shows how the RGB color 43, 123, 124 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 43, 123, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 43, 123, 124 Background



This preview shows how black text looks on a background with the RGB color 43, 123, 124.

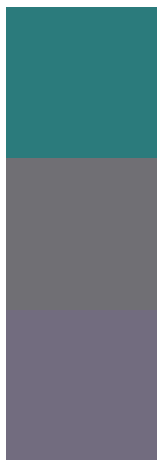


This preview shows how white text looks on a background with the RGB color 43, 123, 124.

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

[43](#), [123](#), [124](#)

Protanopia

[112](#), [111](#), [116](#)

Deuteranopia




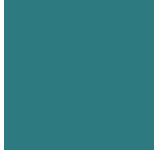
[114](#), [108](#), [127](#)






Tritanopia

47, 122, 132

Trichromacy

	Original Color 43, 123, 124
	Protanomaly 87, 115, 119
	Deuteranomaly 88, 113, 126
	Tritanomaly 46, 122, 129

Monochromacy

	Original Color 43, 123, 124
	Achromatopsia 99, 99, 99
	Achromatomaly 79, 108, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 43, 123, 124 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(43, 123, 124) looks like.

```
.text, #text, p{  
    color:rgb(43, 123, 124)  
}
```

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(43, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 123, 124) }
```

Border

The CSS property to change the border of an element to RGB 43, 123, 124 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(43, 123, 124) }
```

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

```
.border{ border-color:rgb(43, 123, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 123, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(43, 123,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 43, 123, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 123, 124) }
```

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

```
.background{ background-color: rgb(43, 123,  
124) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor