

Converting Colors

RGB(75, 125, 120)

Have a look what the booklet for
RGB(75, 125, 120) contains.

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Color

RGB(75, 125, 120)

Conversions

Conversions Part 1

Format	Color
Hex	4B7D78
RGB	75, 125, 120
RGB Percent	29%, 49%, 47%
CMY	0.7059, 0.5098, 0.5294
CMYK	0.40, 0.00, 0.04, 0.51
HSL	174°, 25%, 39%
HSV	174°, 40%, 49%
XYZ	13.6254, 17.5192, 20.4327
YIQ	109.4800, -28.1950, -12.1550

Conversions

Conversions Part 2

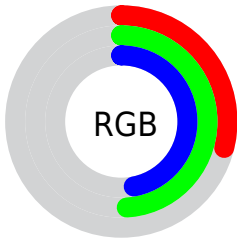
Format	Color
RYB	75, 101, 125
Decimal	4947320
CIELab	48.91, -18.09, -2.59
CIELCh	49, 18.277, 188.159
Yxy	17.5192, 0.2642, 0.3397
Android (android.graphics.Color)	4283137400 (0xFF4B7D78)
YUV	109.4800, 5.1864, -30.2390
Hunter-Lab	41.8559, -15.1403, 0.3556

Details

The RGB color **75, 125, 120** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **125, 75, 80**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **126, 178, 172**, and **24, 76, 72** is the 20% darker color. If you saturate the color by 10%, you get **63, 125, 119**, and if you desaturate by 10%, it is **87, 125, 121**.

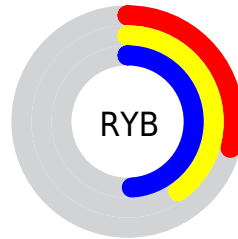
Distribution



Red (29%)

Green (49%)

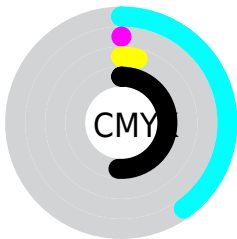
Blue (47%)



Red (29%)

Yellow (40%)

Blue (49%)

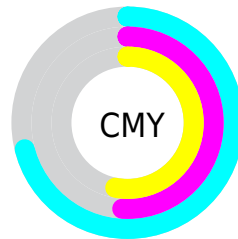


Cyan (40%)

Magenta (0%)

Yellow (4%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 75, 125, 120 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 75, 125, 120 by changing the saturation by 10% instead.



75, 125, 120



75, 125, 120

255, 255, 255



50, 100, 95



126, 178, 172



24, 76, 72



153, 205, 200



0, 53, 49



181, 234, 228



0, 32, 28



209, 255, 255



0, 0, 2



237, 255, 255



0, 0, 0



75, 125, 120



75, 125, 120



63, 125, 119



87, 125, 121



50, 125, 118



100, 125, 122

■ 38, 125, 116

■ 113, 125, 124

■ 25, 125, 115

■ 125, 125, 125

■ 12, 125, 114

■ 138, 125, 126

■ 0, 125, 112

■ 150, 125, 128

■ 163, 125, 129

■ 175, 125, 130

■ 187, 125, 131

Harmonies

Analogous

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



89, 124, 104



75, 125, 120



72, 124, 135

Triad

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



75, 125, 120



124, 111, 141



138, 111, 88

Complementary

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



75, 125, 120



125, 75, 80

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.



146, 107, 98



75, 125, 120



140, 106, 128

Square

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



75, 125, 120



103, 116, 147



147, 105, 112



123, 117, 86

Rectangle

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



75, 125, 120



78, 122, 142



147, 105, 112



141, 110, 90

Sweetspot

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



75, 125, 120



144, 163, 161



80, 125, 75



70, 82, 80



209, 209, 209



82, 82, 82

Same Dimension

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



75, 125, 120



85, 163, 155



75, 105, 125



57, 64, 63



0, 128, 115



0, 0, 0

Inverse Universe

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



125, 75, 80



163, 85, 93



125, 95, 75



64, 57, 58



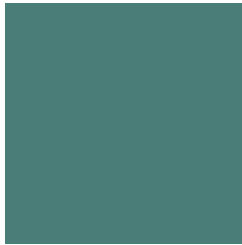
128, 0, 13



0, 0, 0

Previews

White Background



This preview shows how the RGB color 75, 125, 120 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 75, 125, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

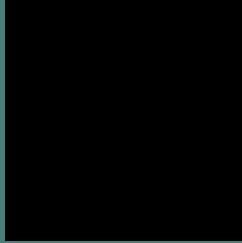
Any Text WCAG AA ✓ Pass

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 75, 125, 120 Background



This preview shows how black text looks on a background with the RGB color 75, 125, 120.



This preview shows how white text looks on a background with the RGB color 75, 125, 120.

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
75, 125, 120

Protanopia
118, 115, 114

Deuteranopia
124, 112, 123



Tritanopia
78, 123, 133

Trichromacy



Original Color

75, 125, 120

Protanomaly

102, 119, 116

Deuteranomaly

106, 117, 122

Tritanomaly

77, 124, 128

Monochromacy



Original Color

75, 125, 120

Achromatopsia

109, 109, 109

Achromatomaly

97, 115, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 125, 120 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(75, 125, 120)` looks like.

```
.text, #text, p{  
    color:rgb(75, 125, 120)  
}
```

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(75, 125, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 125, 120) }
```

Border

The CSS property to change the border of an element to RGB 75, 125, 120 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(75, 125, 120) }
```

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

```
.border{ border-color:rgb(75, 125, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 125, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 125, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 125, 120);  
box-shadow:4px 4px 4px 4px rgb(75, 125,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 75, 125, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 125, 120) }
```

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

```
.background{ background-color: rgb(75, 125,  
120) }
```

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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