

Converting Colors

RGB(64, 121, 113)

Have a look what the booklet for
RGB(64, 121, 113) contains.

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Color

RGB(64, 121, 113)

Conversions

Conversions Part 1

Format	Color
Hex	407971
RGB	64, 121, 113
RGB Percent	25%, 47%, 44%
CMY	0.7490, 0.5255, 0.5569
CMYK	0.47, 0.00, 0.07, 0.53
HSL	172°, 31%, 36%
HSV	172°, 47%, 47%
XYZ	11.9324, 15.9570, 18.0739
YIQ	103.0450, -31.4040, -14.5720

Conversions

Conversions Part 2

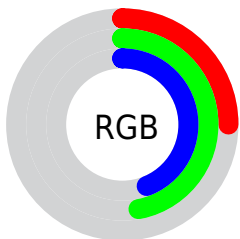
Format	Color
RYB	64, 95, 121
Decimal	4225393
CIELab	46.92, -20.84, -1.44
CIElCh	47, 20.887, 183.944
Yxy	15.9570, 0.2596, 0.3472
Android (android.graphics.Color)	4282415473 (0xFF407971)
YUV	103.0450, 4.9078, -34.2425
Hunter-Lab	39.9462, -16.5860, 1.1362

Details

The RGB color **64, 121, 113** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **121, 64, 72**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **116, 174, 165**, and **7, 72, 65** is the 20% darker color. If you saturate the color by 10%, you get **52, 121, 111**, and if you desaturate by 10%, it is **76, 121, 115**.

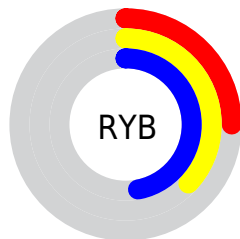
Distribution



Red (25%)

Green (47%)

Blue (44%)



Red (25%)

Yellow (37%)

Blue (47%)

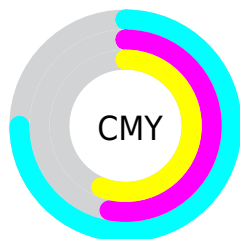


Cyan (47%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (75%)














Magenta (53%)







Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 121, 113 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 64, 121, 113 by changing the saturation by 10% instead.

 64, 121, 113	 64, 121, 113
 255, 255, 255	 38, 96, 89
 116, 174, 165	 7, 72, 65
 142, 201, 192	 0, 49, 43
 170, 229, 220	 0, 29, 23
 198, 255, 248	 0, 0, 0
 226, 255, 255	

 64, 121, 113	 64, 121, 113
 52, 121, 111	 76, 121, 115
 40, 121, 110	 88, 121, 116

■ 28, 121, 108

■ 100, 121, 118

■ 16, 121, 106

■ 112, 121, 120

■ 3, 121, 105

■ 124, 121, 121

■ 0, 121, 104

■ 137, 121, 123

■ 149, 121, 125

■ 161, 121, 127

■ 173, 121, 128

Harmonies

Analogous

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



82, 120, 95



64, 121, 113



56, 120, 130

Triad

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



64, 121, 113



117, 106, 140



137, 105, 80

Complementary

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



64, 121, 113



121, 64, 72

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.



145, 100, 92



64, 121, 113



136, 101, 127

Square

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



64, 121, 113



92, 112, 146



145, 98, 110



121, 111, 76

Rectangle

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



64, 121, 113



62, 118, 139



145, 98, 110



140, 103, 84

Sweetspot

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



64, 121, 113



136, 158, 155



73, 121, 64



66, 79, 77



207, 207, 207



79, 79, 79

Same Dimension

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



64, 121, 113



68, 158, 145



64, 101, 121



55, 61, 60



0, 125, 107



0, 252, 217

Inverse Universe

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



121, 64, 72



158, 68, 81



121, 84, 64



61, 55, 56



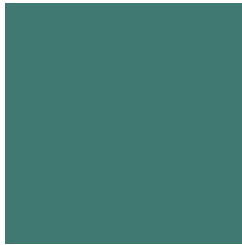
125, 0, 18



252, 0, 35

Previews

White Background



This preview shows how the RGB color 64, 121, 113 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 64, 121, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

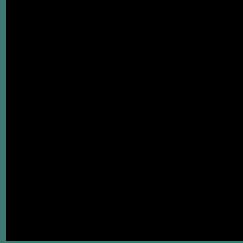
Any Text WCAG AA × Fail

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 64, 121, 113 Background



This preview shows how black text looks on a background with the RGB color 64, 121, 113.



This preview shows how white text looks on a background with the RGB color 64, 121, 113.

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

[64](#), [121](#), [113](#)

Protanopia

[114](#), [110](#), [107](#)

Deuteranopia

[119](#), [107](#), [116](#)



Tritanopia
69, 119, 128

Trichromacy



Original Color

64, 121, 113

Protanomaly

96, 114, 109

Deuteranomaly

99, 112, 115

Tritanomaly

67, 120, 123

Monochromacy



Original Color

64, 121, 113

Achromatopsia

103, 103, 103

Achromatomaly

89, 110, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 121, 113 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(64, 121, 113) looks like.

```
.text, #text, p{  
    color:rgb(64, 121, 113)  
}
```

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(64, 121, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 121, 113) }
```

Border

The CSS property to change the border of an element to RGB 64, 121, 113 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(64, 121, 113) }
```

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

```
.border{ border-color:rgb(64, 121, 113) }
```

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

Here you see how a box with a 4 pixel rgb(64, 121, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 121, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 121, 113);  
box-shadow:4px 4px 4px 4px rgb(64, 121,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 64, 121, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 121, 113) }
```

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

```
.background{ background-color: rgb(64, 121,  
113) }
```

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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