

Converting Colors

RGB(104, 122, 122)

Have a look what the booklet for
RGB(104, 122, 122) contains.

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Color

RGB(104, 122, 122)

Conversions

Conversions Part 1	
Format	Color
Hex	687A7A
RGB	104, 122, 122
RGB Percent	41%, 48%, 48%
CMY	0.5922, 0.5216, 0.5216
CMYK	0.15, 0.00, 0.00, 0.52
HSL	180°, 8%, 44%
HSV	180°, 15%, 48%
XYZ	16.1813, 18.2673, 21.0854
YIQ	116.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

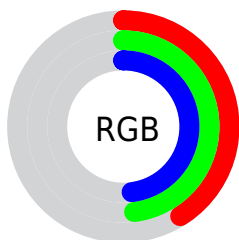
Format	Color
RYB	104, 113, 122
Decimal	6847098
CIELab	49.82, -6.59, -2.23
CIELCh	50, 6.952, 198.704
Yxy	18.2673, 0.2914, 0.3289
Android (android.graphics.Color)	4285037178 (0xFF687A7A)
YUV	116.6180, 2.6533, -11.0660
Hunter-Lab	42.7402, -7.2159, 0.6681

Details

The RGB color `104, 122, 122` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `122, 104, 104`, and the grayscale version is `117, 117, 117`.

A 20% lighter version of the original color is `155, 174, 174`, and `57, 73, 73` is the 20% darker color. If you saturate the color by 10%, you get `92, 122, 122`, and if you desaturate by 10%, it is `116, 122, 122`.

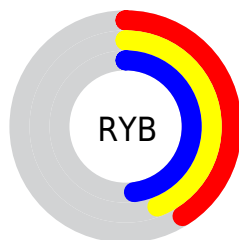
Distribution



Red (41%)

Green (48%)

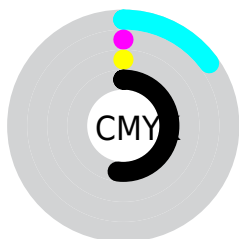
Blue (48%)



Red (41%)

Yellow (44%)

Blue (48%)

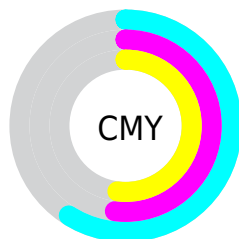


Cyan (15%)

Magenta (0%)

Yellow (0%)

Black (52%)



Cyan (59%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 122, 122 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 104, 122, 122 by changing the saturation by 10% instead.

 104, 122, 122

255, 255, 255

 155, 174, 174

 182, 202, 202

 210, 230, 230

 238, 255, 255

 104, 122, 122


 80, 97, 97

 57, 73, 73


 35, 51, 51

 14, 30, 30

 0, 0, 5

 0, 0, 0

 104, 122, 122








 92, 122, 122

 80, 122, 122

 104, 122, 122

 116, 122, 122

 128, 122, 122

 67, 122, 122 141, 122, 122 55, 122, 122 153, 122, 122 43, 122, 122 165, 122, 122 31, 122, 122 177, 122, 122 19, 122, 122 189, 122, 122 6, 122, 122 202, 122, 122 0, 122, 122 214, 122, 122

Harmonies

Analogous

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



107, 122, 116



104, 122, 122



105, 121, 127

Triad

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



104, 122, 122



124, 116, 126



126, 117, 107

Complementary

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



104, 122, 122



122, 104, 104

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.



130, 116, 110



104, 122, 122



129, 115, 121

Square

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



104, 122, 122



117, 118, 130



131, 115, 115



119, 119, 107

Rectangle

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



104, 122, 122



108, 120, 129



131, 115, 115



127, 117, 108

Sweetspot

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



104, 122, 122



152, 158, 158



104, 122, 104



75, 79, 79



207, 207, 207



79, 79, 79

Same Dimension

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



104, 122, 122



130, 158, 158



104, 113, 122



55, 61, 61



0, 125, 125



0, 252, 252

Inverse Universe

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



122, 104, 122



158, 130, 158



122, 113, 104



61, 55, 61



125, 0, 125



252, 0, 252

Previews

White Background



This preview shows how the RGB color 104, 122, 122 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 104, 122, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

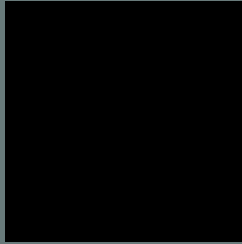
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

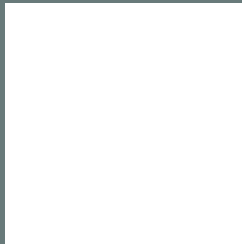
Any Text WCAG AAA × Fail

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

RGB 104, 122, 122 Background



This preview shows how black text looks on a background with the RGB color 104, 122, 122.



This preview shows how white text looks on a background with the RGB color 104, 122, 122.

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

104, 122, 122

Protanopia

120, 118, 119

Deuteranopia

127, 115, 123



Tritanopia

106, 121, 130

Trichromacy

	Original Color 104, 122, 122
	Protanomaly 114, 119, 120
	Deuteranomaly 119, 118, 123
	Tritanomaly 105, 121, 127

Monochromacy

	Original Color 104, 122, 122
	Achromatopsia 117, 117, 117
	Achromatomaly 112, 119, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 122, 122 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(104, 122, 122) looks like.

```
.text, #text, p{  
    color:rgb(104, 122, 122)  
}
```

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(104, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 122, 122) }
```

Border

The CSS property to change the border of an element to RGB 104, 122, 122 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(104, 122, 122) }
```

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

```
.border{ border-color:rgb(104, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(104, 122,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 104, 122, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 122, 122) }
```

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

```
.background{ background-color: rgb(104,  
122, 122) }
```

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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