

Converting Colors

RGB(102, 129, 151)

Have a look what the booklet for
RGB(102, 129, 151) contains.

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Color

RGB(102, 129, 151)

Conversions

Conversions Part 1

Format	Color
Hex	668197
RGB	102, 129, 151
RGB Percent	40%, 51%, 59%
CMY	0.6000, 0.4941, 0.4078
CMYK	0.32, 0.15, 0.00, 0.41
HSL	207°, 19%, 50%
HSV	207°, 32%, 59%
XYZ	18.9157, 20.7597, 32.2882
YIQ	123.4350, -23.1540, 1.1180

Conversions

Conversions Part 2

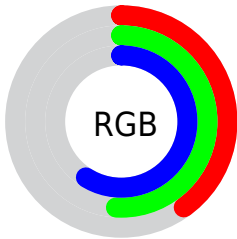
Format	Color
RYB	102, 119, 151
Decimal	6717847
CIELab	52.69, -4.14, -14.95
CIELCh	53, 15.509, 254.527
Yxy	20.7597, 0.2629, 0.2885
Android (android.graphics.Color)	4284907927 (0xFF668197)
YUV	123.4350, 13.5895, -18.7985
Hunter-Lab	45.5628, -5.6295, -10.1221

Details

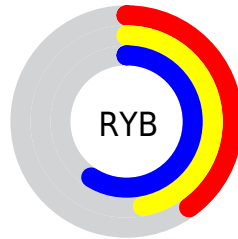
The RGB color **102, 129, 151** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **151, 124, 102**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **154, 182, 205**, and **53, 80, 100** is the 20% darker color. If you saturate the color by 10%, you get **87, 122, 151**, and if you desaturate by 10%, it is **117, 136, 151**.

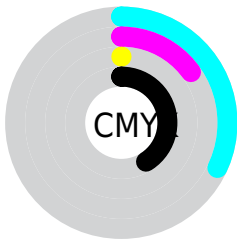
Distribution



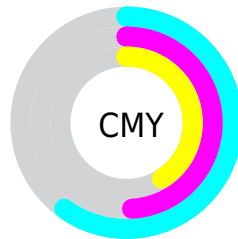
- Red (40%)
- Green (51%)
- Blue (59%)



- Red (40%)
- Yellow (47%)
- Blue (59%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (60%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 129, 151 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 102, 129, 151 by changing the saturation by 10% instead.

■ 102, 129, 151

255, 255, 255

■ 154, 182, 205

■ 181, 209, 233

■ 209, 238, 255

■ 238, 255, 255

■ 102, 129, 151

■ 77, 104, 125

■ 53, 80, 100

■ 29, 57, 76

■ 2, 36, 53

■ 0, 14, 32

■ 0, 0, 6

■ 0, 0, 0

■ 102, 129, 151

■ 87, 122, 151

■ 102, 129, 151

■ 117, 136, 151

■ 72, 115, 151

■ 132, 143, 151

■ 57, 109, 151

■ 147, 149, 151

■ 42, 102, 151

■ 162, 156, 151

■ 27, 95, 151

■ 178, 163, 151

■ 11, 88, 151

■ 193, 170, 151

■ 0, 83, 151

■ 208, 176, 151

■ 223, 183, 151

■ 238, 190, 151

Harmonies

Analogous

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



91, 132, 144



102, 129, 151



119, 125, 151

Triad

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



102, 129, 151



153, 116, 120



114, 131, 106

Complementary

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



102, 129, 151



151, 124, 102

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.



129, 127, 100



102, 129, 151



151, 119, 108

Square

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



102, 129, 151



148, 117, 133



142, 123, 100



100, 133, 118

Rectangle

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



102, 129, 151



131, 122, 148



142, 123, 100



119, 130, 104

Sweetspot

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



102, 129, 151



177, 188, 196



102, 151, 123



88, 94, 99



227, 227, 227



99, 99, 99

Same Dimension

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



102, 129, 151



120, 162, 196



102, 105, 151



69, 73, 77



0, 77, 140



0, 7, 13

Inverse Universe

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



151, 102, 129



196, 120, 162



151, 148, 102



77, 69, 73



140, 0, 77



13, 0, 7

Previews

White Background



This preview shows how the RGB color 102, 129, 151 looks on a white 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

Black Background



This preview shows how the RGB color 102, 129, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

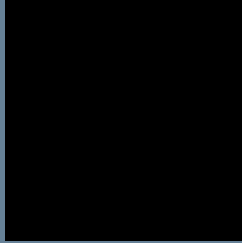
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

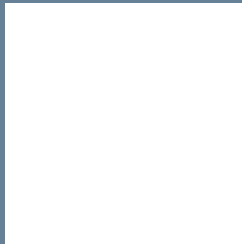
Any Text WCAG AAA × Fail

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

RGB 102, 129, 151 Background



This preview shows how black text looks on a background with the RGB color 102, 129, 151.



This preview shows how white text looks on a background with the RGB color 102, 129, 151.

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
102, 129, 151

Protanopia
121, 124, 148

Deuteranopia
124, 123, 152



Tritanopia
100, 131, 141

Trichromacy



Original Color
102, 129, 151

Protanomaly
114, 126, 149

Deuteranomaly
116, 125, 152

Tritanomaly
101, 130, 145

Monochromacy



Original Color
102, 129, 151

Achromatopsia
123, 123, 123

Achromatomaly
115, 125, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 129, 151 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(102, 129, 151)` looks like.

```
.text, #text, p{  
    color:rgb(102, 129, 151)  
}
```

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(102, 129, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 129, 151) }
```

Border

The CSS property to change the border of an element to RGB 102, 129, 151 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(102, 129, 151) }
```

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

```
.border{ border-color:rgb(102, 129, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 129, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 129, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 129, 151);  
box-shadow:4px 4px 4px 4px rgb(102, 129,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 102, 129, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 129, 151) }
```

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

```
.background{ background-color: rgb(102,  
129, 151) }
```

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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