

Converting Colors

RGB(83, 101, 122)

Have a look what the booklet for
RGB(83, 101, 122) contains.

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Color

RGB(83, 101, 122)

Conversions

Conversions Part 1

Format	Color
Hex	53657A
RGB	83, 101, 122
RGB Percent	33%, 40%, 48%
CMY	0.6745, 0.6039, 0.5216
CMYK	0.32, 0.17, 0.00, 0.52
HSL	212°, 19%, 40%
HSV	212°, 32%, 48%
XYZ	11.7338, 12.5515, 20.2166
YIQ	98.0120, -17.4690, 2.7150

Conversions

Conversions Part 2

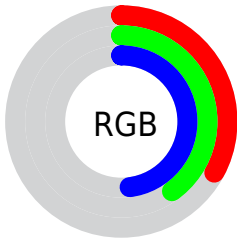
Format	Color
RYB	83, 95, 122
Decimal	5465466
CIELab	42.08, -1.38, -13.96
CIElCh	42, 14.029, 264.360
Yxy	12.5515, 0.2637, 0.2820
Android (android.graphics.Color)	4283655546 (0xFF53657A)
YUV	98.0120, 11.8261, -13.1655
Hunter-Lab	35.4281, -2.8798, -9.0334

Details

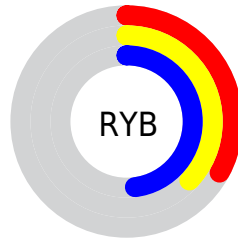
The RGB color **83, 101, 122** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122, 104, 83**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **133, 152, 174**, and **36, 54, 73** is the 20% darker color. If you saturate the color by 10%, you get **71, 94, 122**, and if you desaturate by 10%, it is **95, 108, 122**.

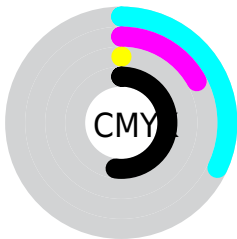
Distribution



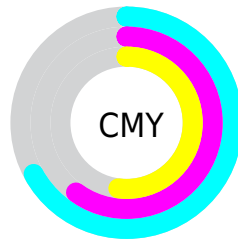
- Red (33%)
- Green (40%)
- Blue (48%)



- Red (33%)
- Yellow (37%)
- Blue (48%)



- Cyan (32%)
- Magenta (17%)
- Yellow (0%)
- Black (52%)



- Cyan (67%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 83, 101, 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 83, 101, 122 by changing the saturation by 10% instead.



83, 101, 122



83, 101, 122

255, 255, 255



59, 77, 97



133, 152, 174



36, 54, 73



160, 179, 202



13, 33, 51



187, 206, 230



0, 10, 30



215, 234, 255



0, 0, 1



244, 255, 255



0, 0, 0



83, 101, 122



83, 101, 122



71, 94, 122



95, 108, 122



59, 88, 122



107, 114, 122

■ 46, 81, 122

■ 120, 121, 122

■ 34, 75, 122

■ 132, 127, 122

■ 22, 68, 122

■ 144, 134, 122

■ 10, 62, 122

■ 156, 140, 122

■ 0, 56, 122

■ 168, 147, 122

■ 181, 154, 122

■ 193, 160, 122

Harmonies

Analogous

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



71, 104, 118



83, 101, 122



98, 97, 120

Triad

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



83, 101, 122



123, 92, 90



85, 104, 86

Complementary

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



83, 101, 122



122, 104, 83

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.



98, 101, 78



83, 101, 122



119, 94, 81

Square

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



83, 101, 122



121, 91, 102



110, 98, 76



73, 106, 97

Rectangle

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



83, 101, 122



108, 95, 116



110, 98, 76



89, 104, 83

Sweetspot

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



83, 101, 122



142, 150, 158



83, 122, 104



70, 74, 79



207, 207, 207



79, 79, 79

Same Dimension

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



83, 101, 122



98, 126, 158



84, 83, 122



55, 58, 61



0, 58, 125



0, 117, 252

Inverse Universe

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



122, 83, 101



158, 98, 126



121, 122, 83



61, 55, 58



125, 0, 58



252, 0, 117

Previews

White Background



This preview shows how the RGB color 83, 101, 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 83, 101, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

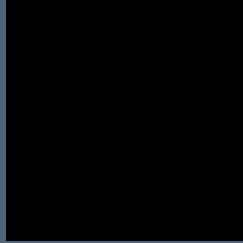
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

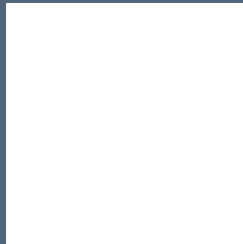
Any Text WCAG AAA × Fail

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

RGB 83, 101, 122 Background



This preview shows how black text looks on a background with the RGB color 83, 101, 122.

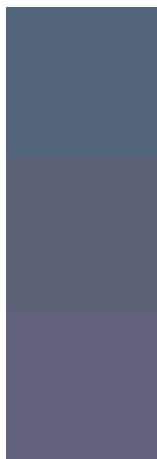


This preview shows how white text looks on a background with the RGB color 83, 101, 122.

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

83, 101, 122

Protanopia

94, 98, 120

Deuteranopia

97, 97, 123



Tritanopia
81, 103, 111

Trichromacy



Original Color
83, 101, 122

Protanomaly
90, 99, 121

Deuteranomaly
92, 98, 123

Tritanomaly
82, 102, 115

Monochromacy



Original Color
83, 101, 122

Achromatopsia
98, 98, 98

Achromatomaly
93, 99, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 83, 101, 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(83, 101, 122) looks like.

```
.text, #text, p{  
    color:rgb(83, 101, 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(83, 101, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 101, 122) }
```

Border

The CSS property to change the border of an element to RGB 83, 101, 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(83, 101, 122) }
```

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

```
.border{ border-color:rgb(83, 101, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 101, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 101, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 101, 122);  
box-shadow:4px 4px 4px 4px rgb(83, 101,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 83, 101, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 101, 122) }
```

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

```
.background{ background-color: rgb(83, 101,  
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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