

Converting Colors

RGB(83, 119, 143)

Have a look what the booklet for
RGB(83, 119, 143) contains.

RGB(83, 119, 143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(83, 119, 143)

Conversions

Conversions Part 1

Format	Color
Hex	53778F
RGB	83, 119, 143
RGB Percent	33%, 47%, 56%
CMY	0.6745, 0.5333, 0.4392
CMYK	0.42, 0.17, 0.00, 0.44
HSL	204°, 27%, 44%
HSV	204°, 42%, 56%
XYZ	15.1220, 17.0158, 28.4740
YIQ	110.9720, -29.1600, -0.1680

Conversions

Conversions Part 2

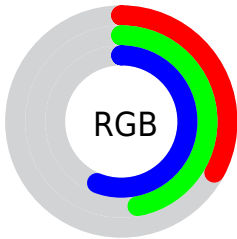
Format	Color
R _Y B	83, 106, 143
Decimal	5470095
CIE Lab	48.28, -6.14, -17.07
CIE LCh	48, 18.139, 250.226
Yxy	17.0158, 0.2495, 0.2807
Android (android.graphics.Color)	4283660175 (0xFF53778F)
YUV	110.9720, 15.7898, -24.5314
Hunter-Lab	41.2502, -6.7511, -12.0512

Details

The RGB color **83, 119, 143** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **143, 107, 83**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **135, 171, 197**, and **32, 71, 93** is the 20% darker color. If you saturate the color by 10%, you get **69, 113, 143**, and if you desaturate by 10%, it is **97, 125, 143**.

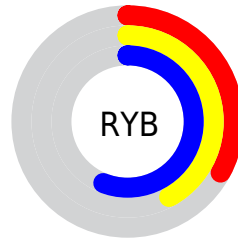
Distribution



Red (33%)

Green (47%)

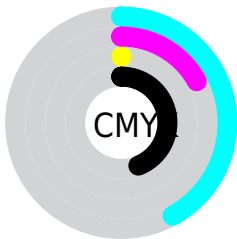
Blue (56%)



Red (33%)

Yellow (42%)

Blue (56%)

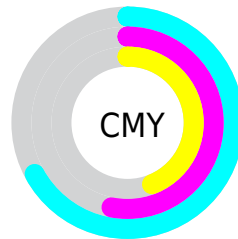


Cyan (42%)

Magenta (17%)

Yellow (0%)

Black (44%)



Cyan (67%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 83, 119, 143 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, 119, 143 by changing the saturation by 10% instead.



83, 119, 143



83, 119, 143

255, 255, 255



58, 94, 117



135, 171, 197



32, 71, 93



162, 198, 225



1, 48, 69



190, 226, 253



0, 28, 47



218, 255, 255



0, 1, 26



247, 255, 255



0, 0, 0



83, 119, 143



83, 119, 143



69, 113, 143



97, 125, 143



54, 108, 143



112, 130, 143

■ 40, 102, 143

■ 126, 136, 143

■ 26, 96, 143

■ 140, 142, 143

■ 12, 90, 143

■ 155, 148, 143

■ 0, 86, 143

■ 169, 153, 143

■ 183, 159, 143

■ 197, 165, 143

■ 212, 170, 143

Harmonies

Analogous

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



71, 122, 134



83, 119, 143



103, 114, 145

Triad

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



83, 119, 143



146, 104, 110



103, 120, 91

Complementary

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



83, 119, 143



143, 107, 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.



121, 115, 84



83, 119, 143



144, 106, 96

Square

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



83, 119, 143



139, 105, 125



135, 110, 86



86, 122, 104

Rectangle

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



83, 119, 143



117, 111, 141



135, 110, 86



109, 118, 88

Sweetspot

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



83, 119, 143



162, 176, 186



83, 143, 107



79, 88, 94



222, 222, 222



94, 94, 94

Same Dimension

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



83, 119, 143



93, 149, 186



83, 89, 143



64, 69, 71



0, 81, 135



0, 5, 8

Inverse Universe

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



143, 83, 119



186, 93, 149



143, 137, 83



71, 64, 69



135, 0, 81



8, 0, 5

Previews

White Background



This preview shows how the RGB color 83, 119, 143 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, 119, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

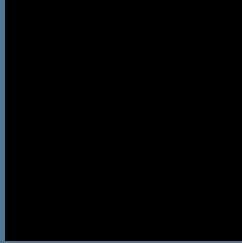
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

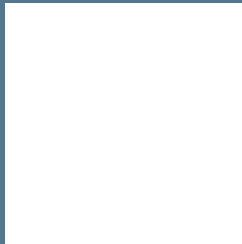
Any Text WCAG AAA × Fail

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

RGB 83, 119, 143 Background



This preview shows how black text looks on a background with the RGB color 83, 119, 143.

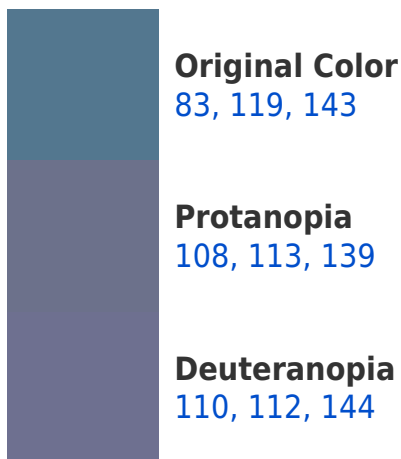



This preview shows how white text looks on a background with the RGB color 83, 119, 143.

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





Tritanopia
80, 121, 131

Trichromacy



Original Color
83, 119, 143

Protanomaly
99, 115, 140

Deuteranomaly
100, 115, 144

Tritanomaly
81, 120, 135

Monochromacy



Original Color
83, 119, 143

Achromatopsia
111, 111, 111

Achromatomaly
101, 114, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 83, 119, 143 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, 119, 143)` looks like.

```
.text, #text, p{  
    color:rgb(83, 119, 143)  
}
```

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, 119, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 119, 143) }
```

Border

The CSS property to change the border of an element to RGB 83, 119, 143 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, 119, 143) }
```

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

```
.border{ border-color:rgb(83, 119, 143) }
```

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

Here you see how a box with a 4 pixel rgb(83, 119, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 119, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 119, 143);  
box-shadow:4px 4px 4px 4px rgb(83, 119,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 83, 119, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 119, 143) }
```

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

```
.background{ background-color: rgb(83, 119,  
143) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor