

Converting Colors

RGB(67, 90, 143)

Have a look what the booklet for
RGB(67, 90, 143) contains.

RGB(67, 90, 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(67, 90, 143)

Conversions

Conversions Part 1

Format	Color
Hex	435A8F
RGB	67, 90, 143
RGB Percent	26%, 35%, 56%
CMY	0.7373, 0.6471, 0.4392
CMYK	0.53, 0.37, 0.00, 0.44
HSL	222°, 36%, 41%
HSV	222°, 53%, 56%
XYZ	10.9288, 10.4888, 27.4351
YIQ	89.1650, -30.7210, 11.6070

Conversions

Conversions Part 2

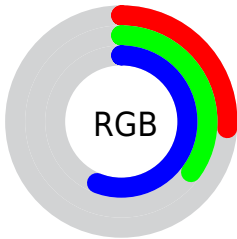
Format	Color
R _{YB}	67, 85, 143
Decimal	4414095
CIE Lab	38.71, 7.33, -32.00
CIE LCh	39, 32.832, 282.909
Yxy	10.4888, 0.2237, 0.2147
Android (android.graphics.Color)	4282604175 (0xFF435A8F)
YUV	89.1650, 26.5407, -19.4387
Hunter-Lab	32.3864, 3.5588, -27.5552

Details

The RGB color **67, 90, 143** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **143, 120, 67**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **120, 140, 197**, and **5, 45, 92** is the 20% darker color. If you saturate the color by 10%, you get **53, 80, 143**, and if you desaturate by 10%, it is **81, 100, 143**.

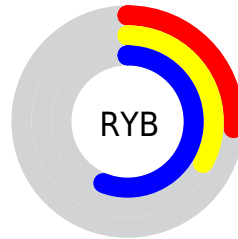
Distribution



Red (26%)

Green (35%)

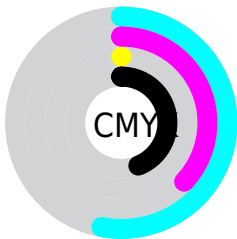
Blue (56%)



Red (26%)

Yellow (33%)

Blue (56%)

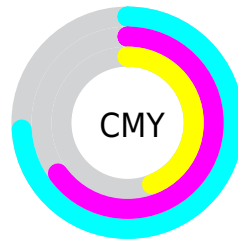


Cyan (53%)

Magenta (37%)

Yellow (0%)

Black (44%)



Cyan (74%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 67, 90, 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 67, 90, 143 by changing the saturation by 10% instead.



67, 90, 143



67, 90, 143

255, 255, 255



40, 67, 117



120, 140, 197



5, 45, 92



147, 166, 225



0, 25, 68



175, 193, 254



0, 2, 46



203, 221, 255



0, 1, 24



232, 249, 255



0, 0, 0



67, 90, 143



67, 90, 143



53, 80, 143



81, 100, 143



38, 70, 143



96, 110, 143

■ 24, 60, 143

■ 110, 120, 143

■ 10, 50, 143

■ 124, 130, 143

■ 0, 43, 143

■ 139, 140, 143

■ 153, 150, 143

■ 167, 160, 143

■ 181, 170, 143

■ 196, 180, 143

Harmonies

Analogous

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



0, 98, 142



67, 90, 143



108, 80, 130

Triad

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



67, 90, 143



136, 75, 56



22, 104, 75

Complementary

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



67, 90, 143



143, 120, 67

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.



66, 100, 51



67, 90, 143



120, 84, 39

Square

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



67, 90, 143



141, 69, 81



96, 93, 37



0, 105, 102

Rectangle

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



67, 90, 143



126, 73, 116



96, 93, 37



41, 103, 66

Sweetspot

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



67, 90, 143



156, 165, 186



67, 143, 119



76, 82, 94



222, 222, 222



94, 94, 94

Same Dimension

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



67, 90, 143



67, 103, 186



81, 67, 143



64, 66, 71



0, 41, 135



0, 2, 8

Inverse Universe

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



143, 67, 90



186, 67, 103



129, 143, 67



71, 64, 66



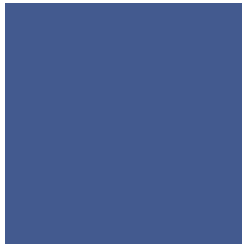
135, 0, 41



8, 0, 2

Previews

White Background



This preview shows how the RGB color 67, 90, 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 67, 90, 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

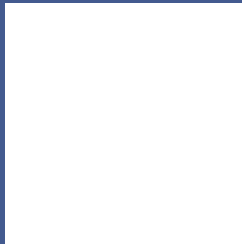
Any Text WCAG AAA × Fail

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

RGB 67, 90, 143 Background



This preview shows how black text looks on a background with the RGB color 67, 90, 143.



This preview shows how white text looks on a background with the RGB color 67, 90, 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



Original Color

67, 90, 143

Protanopia

71, 89, 142

Deuteranopia

63, 91, 143



Tritanopia
54, 98, 106

Trichromacy



Original Color

67, 90, 143

Protanomaly

70, 89, 142

Deuteranomaly

64, 91, 143

Tritanomaly

59, 95, 119

Monochromacy



Original Color

67, 90, 143

Achromatopsia

89, 89, 89

Achromatomaly

81, 89, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 67, 90, 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(67, 90, 143)` looks like.

```
.text, #text, p{  
    color:rgb(67, 90, 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(67, 90, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 90, 143) }
```

Border

The CSS property to change the border of an element to RGB 67, 90, 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(67, 90, 143) }
```

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

```
.border{ border-color:rgb(67, 90, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 90, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 90, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 90, 143);  
box-shadow:4px 4px 4px 4px rgb(67, 90,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 67, 90, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 90, 143) }
```

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

```
.background{ background-color: rgb(67, 90,  
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