

Converting Colors

RGB(87, 134, 185)

Have a look what the booklet for
RGB(87, 134, 185) contains.

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Color

RGB(87, 134, 185)

Conversions

Conversions Part 1

Format	Color
Hex	5786B9
RGB	87, 134, 185
RGB Percent	34%, 53%, 73%
CMY	0.6588, 0.4745, 0.2745
CMYK	0.53, 0.28, 0.00, 0.27
HSL	211°, 41%, 53%
HSV	211°, 53%, 73%
XYZ	21.2125, 22.5792, 49.1391
YIQ	125.7610, -44.3830, 5.8970

Conversions

Conversions Part 2

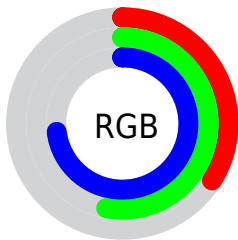
Format	Color
R_{YB}	87, 119, 185
Decimal	5736121
CIE Lab	54.64, -1.18, -31.62
CIE LCh	55, 31.645, 267.865
Yxy	22.5792, 0.2283, 0.2430
Android (android.graphics.Color)	4283926201 (0xFF5786B9)
YUV	125.7610, 29.2048, -33.9934
Hunter-Lab	47.5176, -3.4708, -28.0510

Details

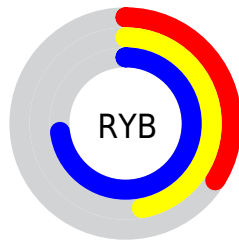
The RGB color **87, 134, 185** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **185, 138, 87**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **142, 187, 241**, and **26, 85, 132** is the 20% darker color. If you saturate the color by 10%, you get **69, 124, 185**, and if you desaturate by 10%, it is **106, 144, 185**.

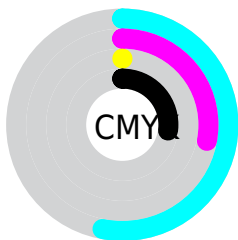
Distribution



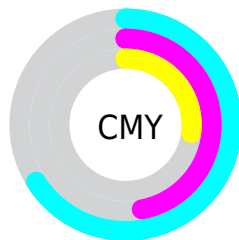
- Red (34%)
- Green (53%)
- Blue (73%)



- Red (34%)
- Yellow (47%)
- Blue (73%)



- Cyan (53%)
- Magenta (28%)
- Yellow (0%)
- Black (27%)



- Cyan (66%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 134, 185 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 87, 134, 185 by changing the saturation by 10% instead.

■ 87, 134, 185

■ 87, 134, 185

255, 255, 255

■ 59, 109, 158

■ 142, 187, 241

■ 26, 85, 132

■ 171, 215, 255

■ 0, 62, 106

■ 199, 243, 255

■ 0, 40, 82

■ 228, 255, 255

■ 0, 20, 58

■ 0, 2, 36

■ 0, 0, 12

■ 0, 0, 0

■ 87, 134, 185

■ 87, 134, 185

■ 69, 124, 185

■ 106, 144, 185

■ 50, 115, 185

■ 124, 153, 185

■ 32, 105, 185

■ 143, 163, 185

■ 13, 95, 185

■ 161, 173, 185

■ 0, 89, 185

■ 180, 182, 185

■ 198, 192, 185

■ 217, 201, 185

■ 235, 211, 185

■ 253, 221, 185

Harmonies

Analogous

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



35, 141, 176



87, 134, 185



131, 124, 179

Triad

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



87, 134, 185



183, 111, 107



90, 142, 101

Complementary

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



87, 134, 185



185, 138, 87

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.



122, 137, 81



87, 134, 185



172, 119, 85

Square

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



87, 134, 185



181, 109, 134



150, 128, 76



52, 145, 128

Rectangle

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



87, 134, 185



154, 118, 168



150, 128, 76



101, 141, 93

Sweetspot

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



87, 134, 185



201, 220, 240



87, 185, 138



97, 108, 120



247, 247, 247



120, 120, 120

Same Dimension

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



87, 134, 185



86, 160, 240



89, 87, 185



83, 87, 92



0, 75, 156



0, 13, 28

Inverse Universe

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



185, 87, 134



240, 86, 160



183, 185, 87



92, 83, 87



156, 0, 75



28, 0, 13

Previews

White Background



This preview shows how the RGB color 87, 134, 185 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 87, 134, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

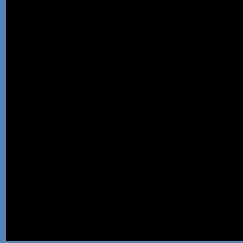
Any Text WCAG AA ✓ Pass

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 87, 134, 185 Background



This preview shows how black text looks on a background with the RGB color 87, 134, 185.

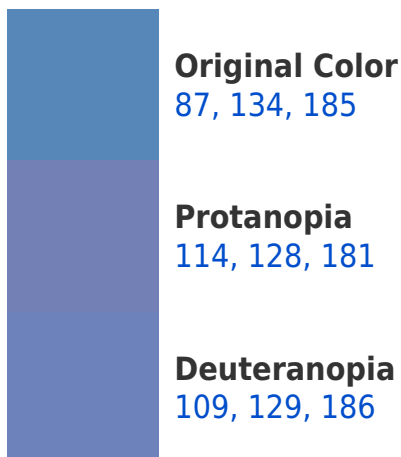


This preview shows how white text looks on a background with the RGB color 87, 134, 185.

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
75, 140, 152

Trichromacy



Original Color
87, 134, 185

Protanomaly
104, 130, 182

Deuteranomaly
101, 131, 186

Tritanomaly
79, 138, 164

Monochromacy



Original Color
87, 134, 185

Achromatopsia
126, 126, 126

Achromatomaly
112, 129, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 134, 185 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(87, 134, 185)` looks like.

```
.text, #text, p{  
    color:rgb(87, 134, 185)  
}
```

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(87, 134, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 134, 185) }
```

Border

The CSS property to change the border of an element to RGB 87, 134, 185 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(87, 134, 185) }
```

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

```
.border{ border-color:rgb(87, 134, 185) }
```

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

Here you see how a box with a 4 pixel rgb(87, 134, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 134, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 134, 185);  
box-shadow:4px 4px 4px 4px rgb(87, 134,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 87, 134, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 134, 185) }
```

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

```
.background{ background-color: rgb(87, 134,  
185) }
```

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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