Converting Colors

RGB(85, 92, 141)

Have a look what the booklet for RGB(85, 92, 141) contains.

Color

RGB(85, 92, 141)

Conversions

Conversions Part 1

Format	Color
Hex	555C8D
RGB	85, 92, 141
RGB Percent	33%, 36%, 55%
CMY	0.6667, 0.6392, 0.4471
CMYK	0.40, 0.35, 0.00, 0.45
HSL	232°, 25%, 44%
HSV	232°, 40%, 55%
XYZ	12.3812, 11.5087, 26.7681
YIQ	95.4930, -19.9010, 13.7550

Conversions

Conversions Part 2

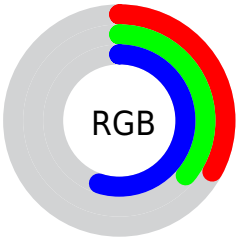
Format	Color
RYB	85, 91, 141
Decimal	5594253
CIELab	40.42, 10.25, -28.01
CIELCh	40, 29.824, 290.107
Yxy	11.5087, 0.2444, 0.2272
Android (android.graphics.Color)	4283784333 (0xFF555C8D)
YUV	95.4930, 22.4350, -9.2024
Hunter-Lab	33.9244, 5.7782, -23.0358

Details

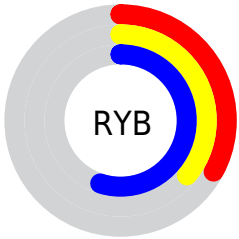
The RGB color 85, 92, 141 is a dark color, and the websafe version is hex 666699. A complement of this color would be 141, 134, 85, and the grayscale version is 95, 95, 95.

A 20% lighter version of the original color is 137, 142, 195, and 35, 46, 90 is the 20% darker color. If you saturate the color by 10%, you get 71, 80, 141, and if you desaturate by 10%, it is 99, 104, 141.

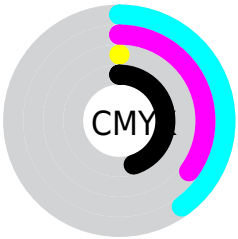
Distribution



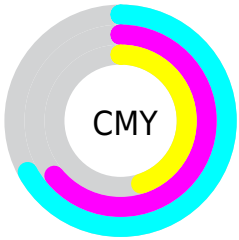
- Red (33%)
- Green (36%)
- Blue (55%)



- Red (33%)
- Yellow (36%)
- Blue (55%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 92, 141 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 85, 92, 141 by changing the saturation by 10% instead.

85, 92, 141	85, 92, 141
255, 255, 255	60, 69, 115
137, 142, 195	35, 46, 90
164, 168, 223	6, 26, 67
191, 196, 252	0, 0, 45
220, 224, 255	0, 1, 23
248, 252, 255	0, 0, 0

85, 92, 141	85, 92, 141
71, 80, 141	99, 104, 141
57, 67, 141	113, 117, 141

43, 55, 141

29, 43, 141

14, 30, 141

0, 18, 141

0, 18, 141

127, 129, 141

141, 141, 141

155, 154, 141

170, 166, 141

184, 178, 141

198, 191, 141

212, 203, 141

Harmonies

Analogous

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

36, 100, 143

85, 92, 141

118, 83, 127

Triad

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

85, 92, 141

134, 82, 59

27, 107, 86

Complementary

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

85, 92, 141

141, 134, 85

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, 104, 63

85, 92, 141

117, 91, 47

Square

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

85, 92, 141

142, 76, 80

94, 99, 48

0, 108, 111

Rectangle

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

85, 92, 141

132, 78, 112

94, 99, 48

42, 107, 78

Sweetspot

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

85, 92, 141

162, 164, 184

85, 141, 134

79, 81, 92

219, 219, 219

92, 92, 92

Same Dimension

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

85, 92, 141

95, 106, 184

106, 85, 141

64, 65, 71

0, 17, 135

0, 1, 8

Inverse Universe

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

141, 85, 92

184, 95, 106

120, 141, 85

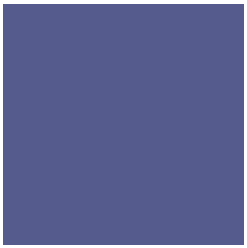
71, 64, 65

135, 0, 17

8, 0, 1

Previews

White Background

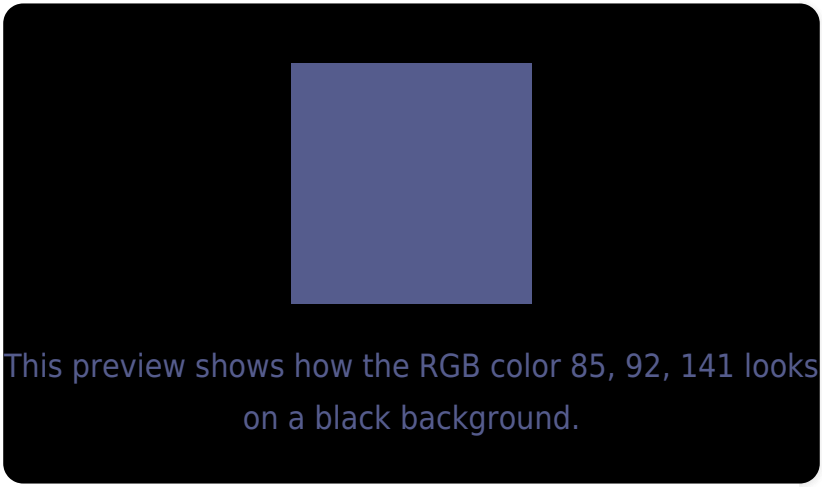


This preview shows how the RGB color 85, 92, 141 looks on a white background.

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

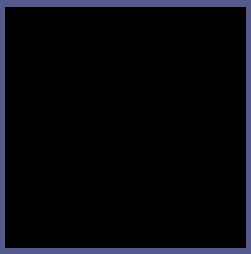


Color Contrast Check

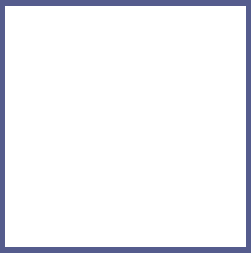
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 85, 92, 141 Background



This preview shows how black text looks on a background with the RGB color 85, 92, 141.



This preview shows how white text looks on a background with the RGB color 85, 92, 141.

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
85, 92, 141

Protanopia
78, 94, 142

Deuteranopia
76, 95, 140

Tritanopia
77, 99, 107

Trichromacy

Original Color
85, 92, 141

Protanomaly
81, 93, 142

Deuteranomaly
79, 94, 140

Tritanomaly
80, 96, 119

Monochromacy

Original Color
85, 92, 141

Achromatopsia
95, 95, 95

Achromatomaly
91, 94, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 92, 141 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(85, 92, 141) looks like.

```
.text, #text, p{
    color:rgb(85, 92, 141)
}
```

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(85, 92, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 92, 141) }
```

Border

The CSS property to change the border of an element to RGB 85, 92, 141 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(85, 92, 141) }
```

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

```
.border{ border-color:rgb(85, 92, 141) }
```

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

Here you see how a box with a 4 pixel rgb(85, 92, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 92, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 92, 141); box-shadow:4px 4px 4px 4px rgb(85, 92, 141) }
```

Background

The CSS property to change the background color of an element to RGB 85, 92, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(85, 92, 141) }
```

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

```
.background{ background-color:rgb(85, 92,
141) }
```

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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