Converting Colors

RGB(84, 115, 173)

Have a look what the booklet for RGB(84, 115, 173) contains.

Color

RGB(84, 115, 173)

Conversions

Conversions Part 1

Format	Color
Hex	5473AD
RGB	84, 115, 173
RGB Percent	33%, 45%, 68%
CMY	0.6706, 0.5490, 0.3216
CMYK	0.51, 0.34, 0.00, 0.32
HSL	219°, 35%, 50%
HSV	219°, 51%, 68%
XYZ	17.3297, 17.1634, 41.9347
YIQ	112.3430, -37.0940, 11.4660

Conversions

Conversions Part 2

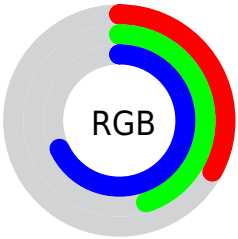
Format	Color
RYB	84, 107, 173
Decimal	5534637
CIELab	48.47, 5.65, -34.37
CIELCh	48, 34.828, 279.344
Yxy	17.1634, 0.2267, 0.2246
Android (android.graphics.Color)	4283724717 (0xFF5473AD)
YUV	112.3430, 29.9039, -24.8568
Hunter-Lab	41.4288, 2.1665, -31.0139

Details

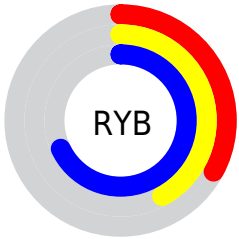
The RGB color 84, 115, 173 is a dark color, and the websafe version is hex 336699. A complement of this color would be 173, 142, 84, and the grayscale version is 112, 112, 112.

A 20% lighter version of the original color is 139, 167, 229, and 25, 67, 120 is the 20% darker color. If you saturate the color by 10%, you get 67, 104, 173, and if you desaturate by 10%, it is 101, 126, 173.

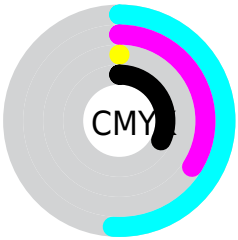
Distribution



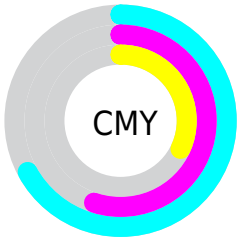
- Red (33%)
- Green (45%)
- Blue (68%)



- Red (33%)
- Yellow (42%)
- Blue (68%)



- Cyan (51%)
- Magenta (34%)
- Yellow (0%)
- Black (32%)



- Cyan (67%)
- Magenta (55%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 115, 173 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 84, 115, 173 by changing the saturation by 10% instead.

84, 115, 173

255, 255, 255

139, 167, 229

166, 194, 255

195, 222, 255

223, 250, 255

253, 255, 255

84, 115, 173

56, 91, 146

25, 67, 120

0, 46, 95

0, 26, 71

0, 4, 48

0, 1, 27

0, 0, 0

84, 115, 173

67, 104, 173

84, 115, 173

101, 126, 173

49, 92, 173

32, 81, 173

15, 70, 173

0, 60, 173

119, 138, 173

136, 149, 173

153, 160, 173

171, 171, 173

188, 183, 173

205, 194, 173

222, 205, 173

240, 216, 173

Harmonies

Analogous

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

0, 124, 170

84, 115, 173

130, 104, 161

Triad

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

84, 115, 173

167, 96, 79

52, 129, 93

Complementary

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

84, 115, 173

173, 142, 84

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.

92, 124, 68

84, 115, 173

150, 106, 60

Square

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

84, 115, 173

171, 91, 107

124, 116, 55

0, 130, 124

Rectangle

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

84, 115, 173

151, 97, 146

124, 116, 55

67, 128, 84

Sweetspot

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

84, 115, 173

191, 202, 224

84, 173, 142

92, 99, 112

240, 240, 240

112, 112, 112

Same Dimension

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

84, 115, 173

85, 134, 224

97, 84, 173

78, 81, 87

0, 52, 150

0, 8, 23

Inverse Universe

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

173, 84, 115

224, 85, 134

160, 173, 84

87, 78, 81

150, 0, 52

23, 0, 8

Previews

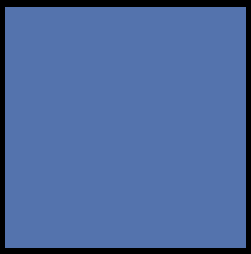
White Background

This preview shows how the RGB color 84, 115, 173 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



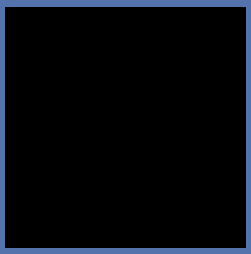
This preview shows how the RGB color 84, 115, 173 looks on a black background.

Color Contrast Check

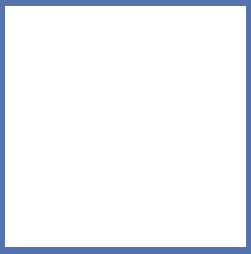
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 84, 115, 173 Background



This preview shows how black text looks on a background with the RGB color 84, 115, 173.



This preview shows how white text looks on a background with the RGB color 84, 115, 173.

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
84, 115, 173

Protanopia
95, 113, 171

Deuteranopia
87, 114, 173

Tritanopia
71, 123, 133

Trichromacy

Original Color
84, 115, 173

Protanomaly
91, 114, 172

Deuteranomaly
86, 114, 173

Tritanomaly
76, 120, 148

Monochromacy

Original Color
84, 115, 173

Achromatopsia
112, 112, 112

Achromatomaly
102, 113, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 115, 173 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(84, 115, 173) looks like.

```
.text, #text, p{
    color:rgb(84, 115, 173)
}
```

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(84, 115, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 115, 173) }
```

Border

The CSS property to change the border of an element to RGB 84, 115, 173 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(84, 115, 173) }
```

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

```
.border{ border-color:rgb(84, 115, 173) }
```

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

Here you see how a box with a 4 pixel rgb(84, 115, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 115, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 115, 173); box-shadow:4px 4px 4px 4px rgb(84, 115, 173) }
```

Background

The CSS property to change the background color of an element to RGB 84, 115, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(84, 115, 173) }
```

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

```
.background{ background-color:rgb(84, 115,
173) }
```

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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