Converting Colors

RGB(0, 94, 198)

Have a look what the booklet for RGB(0, 94, 198) contains.

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Color

RGB(0, 94, 198)

Conversions

Conversions Part 1

Format	Color
Hex	005EC6
RGB	0, 94, 198
RGB Percent	0%, 37%, 78%
CMY	1.0000, 0.6314, 0.2235
CMYK	1.00, 0.53, 0.00, 0.22
HSL	212°, 100%, 39%
HSV	212°, 100%, 78%
XYZ	14.1957, 12.0826, 55.0101
YIQ	77.7500, -89.4080, 12.4160

Conversions

Conversions Part 2

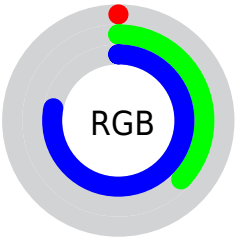
Format	Color
RYB	0, 64, 198
Decimal	24262
CIELab	41.35, 18.10, -60.42
CIELCh	41, 63.069, 286.675
Yxy	12.0826, 0.1746, 0.1486
Android (android.graphics.Color)	4278214342 (0xFF005EC6)
YUV	77.7500, 59.2833, -68.1868
Hunter-Lab	34.7601, 12.0679, -69.4982

Details

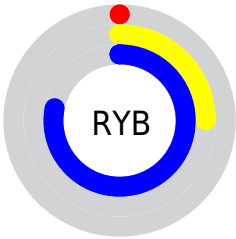
The RGB color 0, 94, 198 is a dark color, and the websafe version is hex 0066CC. The color can be described as dark washed blue. A complement of this color would be 198, 104, 0, and the grayscale version is 77, 77, 77.

A 20% lighter version of the original color is 97, 144, 255, and 0, 49, 143 is the 20% darker color. If you saturate the color by 10%, you get 0, 94, 198, and if you desaturate by 10%, it is 20, 104, 198.

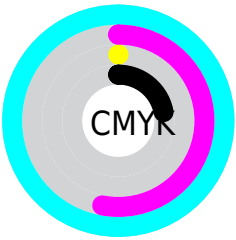
Distribution



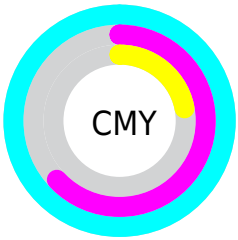
- Red (0%)
- Green (37%)
- Blue (78%)



- Red (0%)
- Yellow (25%)
- Blue (78%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 94, 198 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 0, 94, 198 by changing the saturation by 10% instead.

0, 94, 198

255, 255, 255

97, 144, 255

129, 170, 255

160, 197, 255

190, 225, 255

221, 253, 255

251, 255, 255

0, 94, 198

0, 71, 170

0, 49, 143

0, 30, 117

0, 4, 92

0, 7, 67

0, 3, 44

0, 1, 22

0, 0, 0

0, 94, 198

20, 104, 198

40, 115, 198

59, 125, 198

79, 136, 198

99, 146, 198

119, 156, 198

139, 167, 198

158, 177, 198

178, 188, 198

Harmonies

Analogous

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

0, 110, 199

0, 94, 198

134, 68, 169

Triad

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

0, 94, 198

171, 61, 20

0, 118, 72

Complementary

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

0, 94, 198

198, 104, 0

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.

12, 114, 12

0, 94, 198

138, 87, 0

Square

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

0, 94, 198

187, 33, 71

92, 104, 0

0, 120, 126

Rectangle

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

0, 94, 198

167, 47, 140

92, 104, 0

0, 117, 54

Sweetspot

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

0, 94, 198

179, 215, 255

0, 198, 102

82, 103, 128

0, 0, 0

128, 128, 128

Same Dimension

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

0, 94, 198

0, 121, 255

3, 0, 198

90, 94, 99

0, 77, 163

0, 17, 36

Inverse Universe

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

198, 0, 94

255, 0, 121

195, 198, 0

99, 90, 94

163, 0, 77

36, 0, 17

Previews

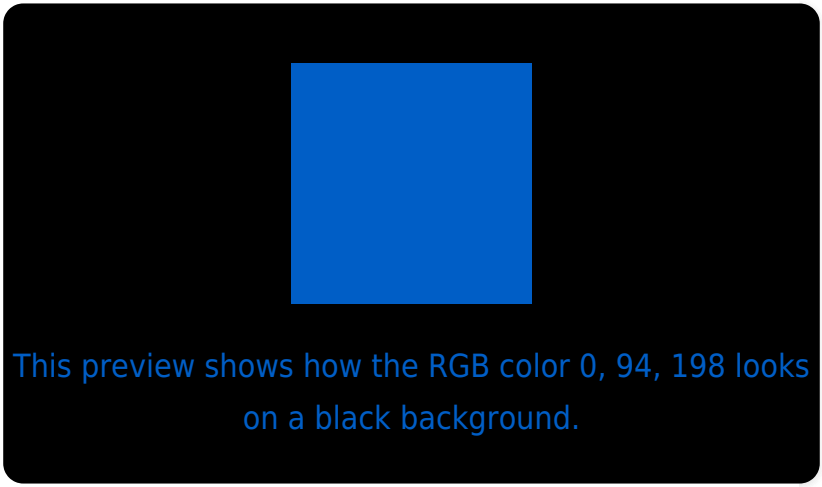
White Background

This preview shows how the RGB color 0, 94, 198 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 0, 94, 198 Background

This preview shows how black text looks on a background with the RGB color 0, 94, 198.

This preview shows how white text looks on a background with the RGB color 0, 94, 198.

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
0, 94, 198

Protanopia
19, 94, 198

Deuteranopia
0, 100, 172

Tritanopia
0, 108, 115

Trichromacy

Original Color
0, 94, 198

Protanomaly
12, 94, 198

Deuteranomaly
0, 98, 181

Tritanomaly
0, 103, 145

Monochromacy

Original Color
0, 94, 198

Achromatopsia
78, 78, 78

Achromatomaly
50, 84, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 94, 198 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(0, 94, 198) looks like.

```
.text, #text, p{
    color:rgb(0, 94, 198)
}
```

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(0, 94, 198) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(0, 94, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 198) }
```

Border

The CSS property to change the border of an element to RGB 0, 94, 198 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(0, 94, 198) }
```

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

```
.border{ border-color:rgb(0, 94, 198) }
```

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

Here you see how a box with a 4 pixel rgb(0, 94, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 94, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 94, 198); box-shadow:4px 4px 4px 4px rgb(0, 94, 198) }
```

Background

The CSS property to change the background color of an element to RGB 0, 94, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(0, 94, 198) }
```

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

```
.background{ background-color:rgb(0, 94, 198) }
```

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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