Converting Colors

RGB(64, 144, 192)

Have a look what the booklet for RGB(64, 144, 192) contains.

Color

RGB(64, 144, 192)

Conversions

Conversions Part 1

Format	Color
Hex	4090C0
RGB	64, 144, 192
RGB Percent	25%, 56%, 75%
CMY	0.7490, 0.4353, 0.2471
CMYK	0.67, 0.25, 0.00, 0.25
HSL	202°, 50%, 50%
HSV	202°, 67%, 75%
XYZ	21.6020, 24.8423, 53.5257
YIQ	125.5520, -63.0880, -2.0320

Conversions

Conversions Part 2

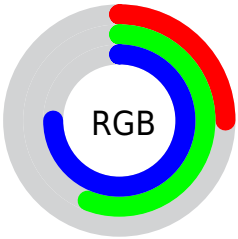
Format	Color
RYB	64, 113, 192
Decimal	4231360
CIELab	56.92, -9.18, -32.12
CIELCh	57, 33.406, 254.043
Yxy	24.8423, 0.2161, 0.2485
Android (android.graphics.Color)	4282421440 (0xFF4090C0)
YUV	125.5520, 32.7589, -53.9811
Hunter-Lab	49.8420, -9.8598, -28.7825

Details

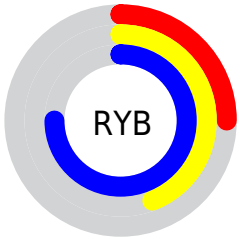
The RGB color 64, 144, 192 is a dark color, and the websafe version is hex 3399CC. The color can be described as middle muted azure. A complement of this color would be 192, 112, 64, and the grayscale version is 125, 125, 125.

A 20% lighter version of the original color is 125, 198, 249, and 0, 94, 138 is the 20% darker color. If you saturate the color by 10%, you get 45, 137, 192, and if you desaturate by 10%, it is 83, 151, 192.

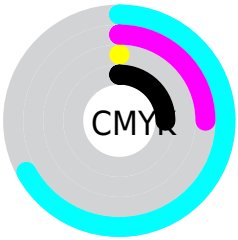
Distribution



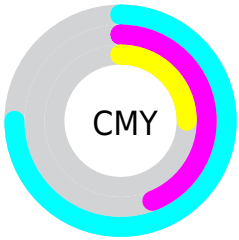
- Red (25%)
- Green (56%)
- Blue (75%)



- Red (25%)
- Yellow (44%)
- Blue (75%)



- Cyan (67%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 144, 192 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 64, 144, 192 by changing the saturation by 10% instead.

64, 144, 192

255, 255, 255

125, 198, 249

154, 226, 255

183, 254, 255

213, 255, 255

242, 255, 255

64, 144, 192

64, 144, 192

24, 118, 165

0, 94, 138

0, 70, 113

0, 48, 88

0, 28, 64

0, 3, 42

0, 1, 20

0, 0, 0

64, 144, 192

64, 144, 192

45, 137, 192

26, 130, 192

6, 122, 192

0, 120, 192

83, 151, 192

102, 158, 192

122, 166, 192

141, 173, 192

160, 180, 192

179, 187, 192

198, 194, 192

218, 202, 192

237, 209, 192

Harmonies

Analogous

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

0, 150, 176

64, 144, 192

116, 135, 193

Triad

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

64, 144, 192

193, 114, 124

110, 147, 94

Complementary

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

64, 144, 192

192, 112, 64

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.

142, 139, 79

64, 144, 192

187, 120, 97

Square

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

64, 144, 192

183, 116, 153

169, 129, 81

72, 151, 120

Rectangle

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

64, 144, 192

145, 128, 185

169, 129, 81

121, 144, 87

Sweetspot

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

64, 144, 192

200, 231, 250

64, 192, 111

95, 114, 125

252, 252, 252

125, 125, 125

Same Dimension

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

64, 144, 192

50, 175, 250

64, 81, 192

87, 93, 97

0, 100, 161

0, 21, 33

Inverse Universe

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

192, 64, 144

250, 50, 175

192, 175, 64

97, 87, 93

161, 0, 100

33, 0, 21

Previews

White Background

This preview shows how the RGB color 64, 144, 192 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

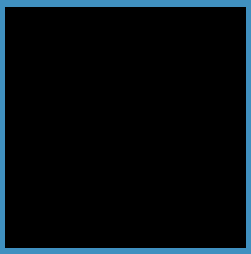
This preview shows how the RGB color 64, 144, 192 looks on a black background.

Color Contrast Check

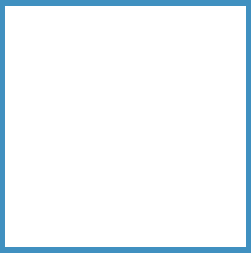
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 64, 144, 192 Background



This preview shows how black text looks on a background with the RGB color 64, 144, 192.



This preview shows how white text looks on a background with the RGB color 64, 144, 192.

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

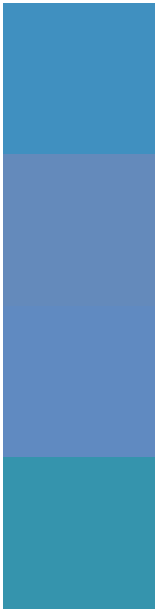
Original Color
64, 144, 192

Protanopia
121, 134, 184

Deuteranopia
114, 135, 194

Tritanopia
46, 150, 162

Trichromacy



Original Color
64, 144, 192

Protanomaly
100, 138, 187

Deuteranomaly
96, 138, 193

Tritanomaly
53, 148, 173

Monochromacy

Original Color
64, 144, 192

Achromatopsia
126, 126, 126

Achromatomaly
103, 133, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 144, 192 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(64, 144, 192) looks like.

```
.text, #text, p{
    color:rgb(64, 144, 192)
}
```

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(64, 144, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 144, 192) }
```

Border

The CSS property to change the border of an element to RGB 64, 144, 192 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(64, 144, 192) }
```

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

```
.border{ border-color:rgb(64, 144, 192) }
```

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

Here you see how a box with a 4 pixel rgb(64, 144, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(64, 144, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(64, 144, 192); box-shadow:4px 4px 4px 4px rgb(64, 144, 192) }
```

Background

The CSS property to change the background color of an element to RGB 64, 144, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(64, 144, 192) }
```

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

```
.background{ background-color:rgb(64, 144,
192) }
```

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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