

Converting Colors

RGB(64, 131, 176)

Have a look what the booklet for
RGB(64, 131, 176) contains.

RGB(64, 131, 176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(64, 131, 176)

Conversions

Conversions Part 1

Format	Color
Hex	4083B0
RGB	64, 131, 176
RGB Percent	25%, 51%, 69%
CMY	0.7490, 0.4863, 0.3098
CMYK	0.64, 0.26, 0.00, 0.31
HSL	204°, 47%, 47%
HSV	204°, 64%, 69%
XYZ	18.0671, 20.4572, 44.0707
YIQ	116.0970, -54.3770, -0.2090

Conversions

Conversions Part 2

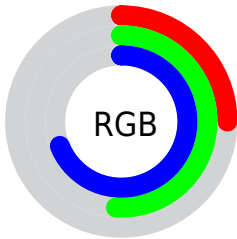
Format	Color
R _{YB}	64, 106, 176
Decimal	4228016
CIE _{Lab}	52.35, -7.12, -30.10
CIE _{LCh}	52, 30.929, 256.682
Y _{xy}	20.4572, 0.2187, 0.2477
Android (android.graphics.Color)	4282418096 (0xFF4083B0)
YUV	116.0970, 29.5322, -45.6891
Hunter-Lab	45.2296, -7.8494, -26.1101

Details

The RGB color **64, 131, 176** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **176, 109, 64**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **122, 184, 232**, and **0, 82, 123** is the 20% darker color. If you saturate the color by 10%, you get **46, 124, 176**, and if you desaturate by 10%, it is **82, 138, 176**.

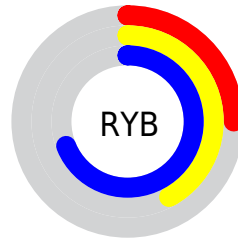
Distribution



Red (25%)

Green (51%)

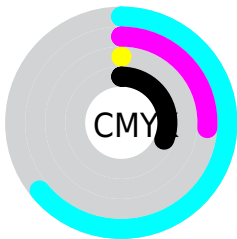
Blue (69%)



Red (25%)

Yellow (42%)

Blue (69%)

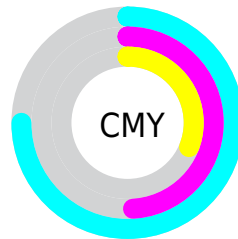


Cyan (64%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (75%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 131, 176 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, 131, 176 by changing the saturation by 10% instead.

■ 64, 131, 176

255, 255, 255

■ 122, 184, 232

■ 150, 211, 255

■ 179, 240, 255

■ 208, 255, 255

■ 238, 255, 255

■ 64, 131, 176

■ 29, 106, 149

■ 0, 82, 123

■ 0, 59, 98

■ 0, 38, 74

■ 0, 17, 51

■ 0, 2, 30

■ 0, 0, 0

■ 64, 131, 176

■ 46, 124, 176

■ 64, 131, 176

■ 82, 138, 176

■ 29, 117, 176

■ 99, 145, 176

■ 11, 110, 176

■ 117, 152, 176

■ 0, 105, 176

■ 134, 159, 176

■ 152, 166, 176

■ 170, 173, 176

■ 187, 181, 176

■ 205, 188, 176

■ 222, 195, 176

Harmonies

Analogous

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



5, 137, 163



64, 131, 176



110, 122, 176

Triad

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



64, 131, 176



177, 105, 111



97, 135, 88

Complementary

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



64, 131, 176



176, 109, 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.



127, 128, 73



64, 131, 176



170, 110, 87

Square

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



64, 131, 176



169, 105, 138



153, 119, 73



63, 138, 112

Rectangle

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



64, 131, 176



136, 116, 167



153, 119, 73



108, 133, 81

Sweetspot

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



64, 131, 176



186, 212, 230



64, 176, 109



88, 104, 115



242, 242, 242



115, 115, 115

Same Dimension

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



64, 131, 176



55, 159, 230



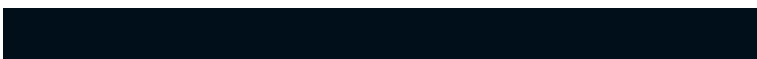
64, 75, 176



80, 86, 89



0, 92, 153



0, 15, 26

Inverse Universe

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



176, 64, 131



230, 55, 159



176, 165, 64



89, 80, 86



153, 0, 92



26, 0, 15

Previews

White Background



This preview shows how the RGB color 64, 131, 176 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, 131, 176 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, 131, 176 Background



This preview shows how black text looks on a background with the RGB color 64, 131, 176.

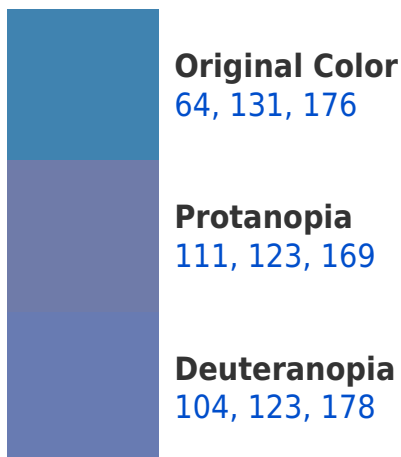


This preview shows how white text looks on a background with the RGB color 64, 131, 176.

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
49, 136, 147

Trichromacy



Original Color

64, 131, 176

Protanomaly

94, 126, 172

Deuteranomaly

89, 126, 177

Tritanomaly

54, 134, 158

Monochromacy



Original Color

64, 131, 176

Achromatopsia

116, 116, 116

Achromatomaly

97, 121, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 131, 176 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, 131, 176)` looks like.

```
.text, #text, p{  
    color:rgb(64, 131, 176)  
}
```

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, 131, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 131, 176) }
```

Border

The CSS property to change the border of an element to RGB 64, 131, 176 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, 131, 176) }
```

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

```
.border{ border-color:rgb(64, 131, 176) }
```

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

Here you see how a box with a 4 pixel rgb(64, 131, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 131, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 131, 176);  
box-shadow:4px 4px 4px 4px rgb(64, 131,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 64, 131, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 131, 176) }
```

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

```
.background{ background-color: rgb(64, 131,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor