

Converting Colors

RGB(74, 161, 218)

Have a look what the booklet for
RGB(74, 161, 218) contains.

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Color

RGB(74, 161, 218)

Conversions

Conversions Part 1

Format	Color
Hex	4AA1DA
RGB	74, 161, 218
RGB Percent	29%, 63%, 85%
CMY	0.7098, 0.3686, 0.1451
CMYK	0.66, 0.26, 0.00, 0.15
HSL	204°, 66%, 57%
HSV	204°, 66%, 85%
XYZ	28.2238, 32.0075, 71.0202
YIQ	141.4850, -70.1490, -0.7170

Conversions

Conversions Part 2

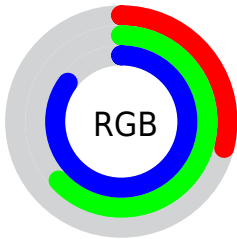
Format	Color
RYB	74, 128, 218
Decimal	4891098
CIELab	63.35, -8.45, -36.64
CIELCh	63, 37.600, 257.020
Yxy	32.0075, 0.2150, 0.2439
Android (android.graphics.Color)	4283081178 (0xFF4AA1DA)
YUV	141.4850, 37.7219, -59.1843
Hunter-Lab	56.5752, -9.9579, -34.8255

Details

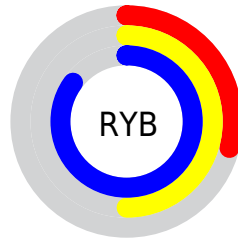
The RGB color **74, 161, 218** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **218, 131, 74**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **136, 216, 255**, and **0, 110, 163** is the 20% darker color. If you saturate the color by 10%, you get **52, 152, 218**, and if you desaturate by 10%, it is **96, 170, 218**.

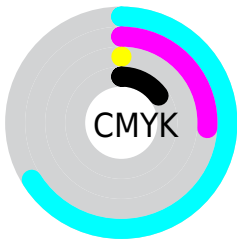
Distribution



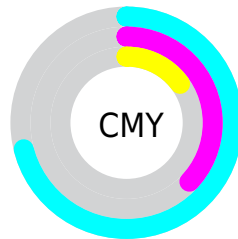
- Red (29%)
- Green (63%)
- Blue (85%)



- Red (29%)
- Yellow (50%)
- Blue (85%)



- Cyan (66%)
- Magenta (26%)
- Yellow (0%)
- Black (15%)



















- Cyan (71%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 161, 218 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 74, 161, 218 by changing the saturation by 10% instead.

 74, 161, 218	 74, 161, 218
 255, 255, 255	 35, 135, 190
 136, 216, 255	 0, 110, 163
 166, 244, 255	 0, 85, 136
 196, 255, 255	 0, 62, 111
 226, 255, 255	 0, 41, 86
	 0, 21, 62
	 0, 3, 40
	 0, 1, 18
	 0, 0, 0

■ 74, 161, 218

■ 74, 161, 218

■ 52, 152, 218

■ 96, 170, 218

■ 30, 144, 218

■ 118, 178, 218

■ 9, 135, 218

■ 139, 187, 218

■ 0, 132, 218

■ 161, 196, 218

■ 183, 204, 218

■ 205, 213, 218

■ 227, 221, 218

■ 248, 230, 218

■ 255, 239, 218

Harmonies

Analogous

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



0, 168, 201



74, 161, 218



135, 150, 217

Triad

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



74, 161, 218



218, 127, 135



118, 166, 106

Complementary

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



74, 161, 218



218, 131, 74

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.



156, 157, 88



74, 161, 218



210, 135, 106

Square

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



74, 161, 218



209, 129, 169



188, 146, 88



73, 170, 137

Rectangle

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



74, 161, 218



167, 142, 207



188, 146, 88



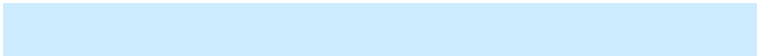
131, 163, 99

Sweetspot

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



74, 161, 218



204, 235, 255



74, 218, 129



97, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



74, 161, 218



54, 175, 255



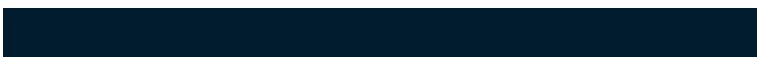
74, 91, 218



99, 105, 110



0, 105, 173



0, 28, 46

Inverse Universe

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



218, 74, 161



255, 54, 175



218, 201, 74



110, 99, 105



173, 0, 105



46, 0, 28

Previews

White Background



This preview shows how the RGB color 74, 161, 218 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 74, 161, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

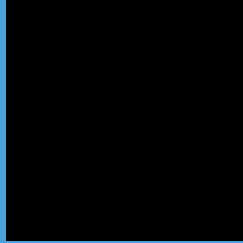
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

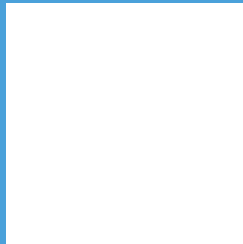
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 74, 161, 218 Background



This preview shows how black text looks on a background with the RGB color 74, 161, 218.

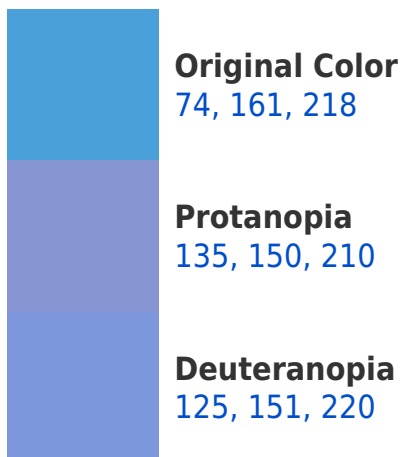


This preview shows how white text looks on a background with the RGB color 74, 161, 218.

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
53, 168, 181

Trichromacy



Original Color
74, 161, 218

Protanomaly
113, 154, 213

Deuteranomaly
106, 155, 219

Tritanomaly
61, 165, 194

Monochromacy



Original Color
74, 161, 218

Achromatopsia
141, 141, 141

Achromatomaly
117, 148, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 161, 218 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(74, 161, 218)` looks like.

```
.text, #text, p{  
    color:rgb(74, 161, 218)  
}
```

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(74, 161, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 161, 218) }
```

Border

The CSS property to change the border of an element to RGB 74, 161, 218 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(74, 161, 218) }
```

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

```
.border{ border-color:rgb(74, 161, 218) }
```

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

Here you see how a box with a 4 pixel rgb(74, 161, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 161, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 161, 218);  
box-shadow:4px 4px 4px 4px rgb(74, 161,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 74, 161, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 161, 218) }
```

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

```
.background{ background-color: rgb(74, 161,  
218) }
```

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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