

Converting Colors

RGB(76, 167, 227)

Have a look what the booklet for
RGB(76, 167, 227) contains.

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Color

RGB(76, 167, 227)

Conversions

Conversions Part 1

Format	Color
Hex	4CA7E3
RGB	76, 167, 227
RGB Percent	30%, 65%, 89%
CMY	0.7020, 0.3451, 0.1098
CMYK	0.67, 0.26, 0.00, 0.11
HSL	204°, 73%, 59%
HSV	204°, 67%, 89%
XYZ	30.6643, 34.7200, 77.7585
YIQ	146.6310, -73.4960, -0.6320

Conversions

Conversions Part 2

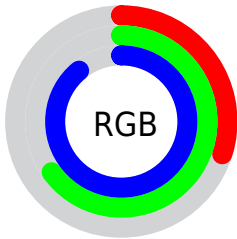
Format	Color
RYB	76, 133, 227
Decimal	5023715
CIELab	65.53, -8.50, -38.20
CIELCh	66, 39.133, 257.461
Yxy	34.7200, 0.2142, 0.2426
Android (android.graphics.Color)	4283213795 (0xFF4CA7E3)
YUV	146.6310, 39.6219, -61.9434
Hunter-Lab	58.9237, -10.2236, -36.9954

Details

The RGB color **76, 167, 227** 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 **227, 136, 76**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **139, 222, 255**, and **0, 115, 171** is the 20% darker color. If you saturate the color by 10%, you get **53, 158, 227**, and if you desaturate by 10%, it is **99, 176, 227**.

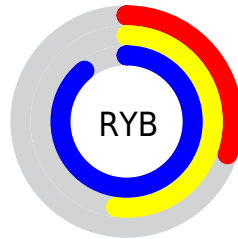
Distribution



Red (30%)

Green (65%)

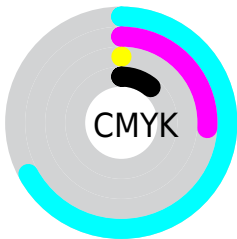
Blue (89%)



Red (30%)

Yellow (52%)

Blue (89%)

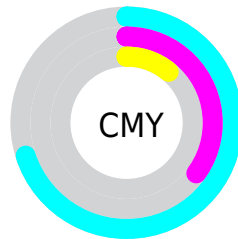


Cyan (67%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (70%)

















Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 167, 227 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 76, 167, 227 by changing the saturation by 10% instead.

 76, 167, 227	 76, 167, 227
 255, 255, 255	 36, 141, 199
 139, 222, 255	 0, 115, 171
 169, 251, 255	 0, 91, 145
 199, 255, 255	 0, 68, 119
 230, 255, 255	 0, 46, 94
	 0, 26, 70
	 0, 4, 47
	 0, 1, 25
	 0, 0, 0

■ 76, 167, 227

■ 76, 167, 227

■ 53, 158, 227

■ 99, 176, 227

■ 31, 149, 227

■ 121, 185, 227

■ 8, 140, 227

■ 144, 194, 227

■ 0, 137, 227

■ 167, 203, 227

■ 190, 212, 227

■ 212, 221, 227

■ 235, 230, 227

■ 255, 239, 227

■ 255, 248, 227

Harmonies

Analogous

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



0, 174, 210



76, 167, 227



141, 156, 226

Triad

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



76, 167, 227



227, 132, 140



121, 172, 110

Complementary

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



76, 167, 227



227, 136, 76

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.



161, 164, 91



76, 167, 227



218, 140, 109

Square

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



76, 167, 227



218, 133, 175



194, 152, 90



73, 177, 143

Rectangle

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



76, 167, 227



174, 147, 215



194, 152, 90



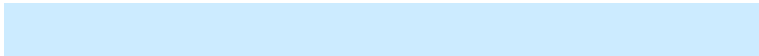
135, 170, 102

Sweetspot

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



76, 167, 227



204, 235, 255



76, 227, 134



97, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



76, 167, 227



51, 174, 255



76, 94, 227



103, 110, 115



0, 108, 179



0, 31, 51

Inverse Universe

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



227, 76, 167



255, 51, 174



227, 209, 76



115, 103, 110



179, 0, 108



51, 0, 31

Previews

White Background



This preview shows how the RGB color 76, 167, 227 looks on a white background.

Color Contrast Check

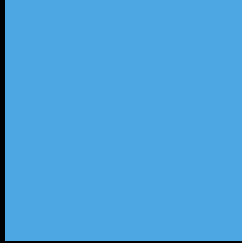
Large Text (above 18pt) WCAG AA × Fail

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 76, 167, 227 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

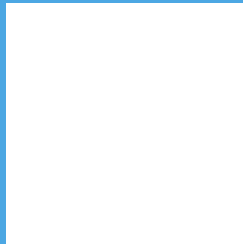
Any Text WCAG AAA ✓ Pass

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

RGB 76, 167, 227 Background



This preview shows how black text looks on a background with the RGB color 76, 167, 227.

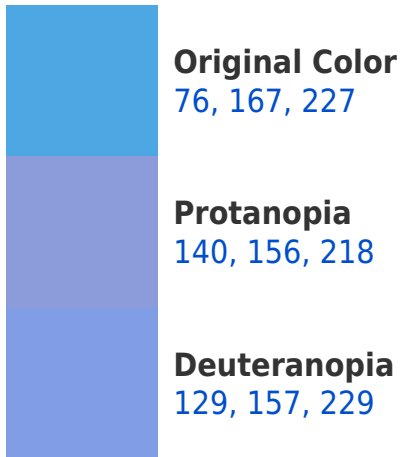


This preview shows how white text looks on a background with the RGB color 76, 167, 227.

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, 174, 188

Trichromacy



Original Color
76, 167, 227

Protanomaly
117, 160, 221

Deuteranomaly
110, 161, 228

Tritanomaly
61, 171, 202

Monochromacy



Original Color
76, 167, 227

Achromatopsia
147, 147, 147

Achromatomaly
121, 154, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 167, 227 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(76, 167, 227) looks like.

```
.text, #text, p{  
    color:rgb(76, 167, 227)  
}
```

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(76, 167, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 167, 227) }
```

Border

The CSS property to change the border of an element to RGB 76, 167, 227 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(76, 167, 227) }
```

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

```
.border{ border-color:rgb(76, 167, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 167, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 167, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 167, 227);  
box-shadow:4px 4px 4px 4px rgb(76, 167,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 76, 167, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 167, 227) }
```

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

```
.background{ background-color: rgb(76, 167,  
227) }
```

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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