

Converting Colors

RGB(79, 179, 214)

Have a look what the booklet for
RGB(79, 179, 214) contains.

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Color

RGB(79, 179, 214)

Conversions

Conversions Part 1

Format	Color
Hex	4FB3D6
RGB	79, 179, 214
RGB Percent	31%, 70%, 84%
CMY	0.6902, 0.2980, 0.1608
CMYK	0.63, 0.16, 0.00, 0.16
HSL	196°, 62%, 57%
HSV	196°, 63%, 84%
XYZ	31.4821, 38.7575, 69.4400
YIQ	153.0900, -70.8350, -10.3150

Conversions

Conversions Part 2

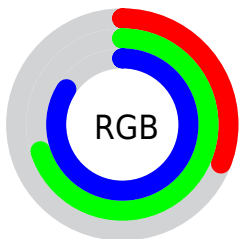
Format	Color
RYB	79, 136, 214
Decimal	5223382
CIELab	68.58, -18.60, -26.33
CIELCh	69, 32.239, 234.766
Yxy	38.7575, 0.2254, 0.2775
Android (android.graphics.Color)	4283413462 (0xFF4FB3D6)
YUV	153.0900, 30.0286, -64.9769
Hunter-Lab	62.2555, -18.6811, -22.5534

Details

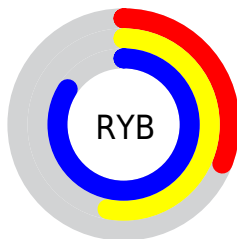
The RGB color **79, 179, 214** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **214, 114, 79**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **140, 235, 255**, and **0, 126, 159** is the 20% darker color. If you saturate the color by 10%, you get **58, 173, 214**, and if you desaturate by 10%, it is **100, 185, 214**.

Distribution



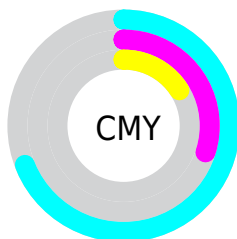
- Red (31%)
- Green (70%)
- Blue (84%)



- Red (31%)
- Yellow (53%)
- Blue (84%)



- Cyan (63%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



















- Cyan (69%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 179, 214 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 79, 179, 214 by changing the saturation by 10% instead.

 79, 179, 214	 79, 179, 214
 255, 255, 255	 43, 152, 186
 140, 235, 255	 0, 126, 159
 170, 255, 255	 0, 101, 133
 200, 255, 255	 0, 77, 108
 230, 255, 255	 0, 54, 83
	 0, 33, 60
	 0, 3, 38
	 0, 1, 15
	 0, 0, 0

■ 79, 179, 214

■ 79, 179, 214

■ 58, 173, 214

■ 100, 185, 214

■ 36, 168, 214

■ 122, 190, 214

■ 15, 162, 214

■ 143, 196, 214

■ 0, 159, 214

■ 165, 201, 214

■ 186, 207, 214

■ 207, 212, 214

■ 229, 218, 214

■ 250, 223, 214

■ 255, 229, 214

Harmonies

Analogous

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



68, 183, 191



79, 179, 214



120, 172, 225

Triad

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



79, 179, 214



220, 146, 174



162, 173, 114

Complementary

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



79, 179, 214



214, 114, 79

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.



192, 164, 109



79, 179, 214



225, 147, 144

Square

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



79, 179, 214



199, 152, 201



214, 154, 121



129, 180, 133

Rectangle

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



79, 179, 214



150, 165, 223



214, 154, 121



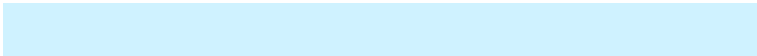
173, 170, 110

Sweetspot

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



79, 179, 214



207, 242, 255



79, 214, 113



98, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



79, 179, 214



61, 205, 255



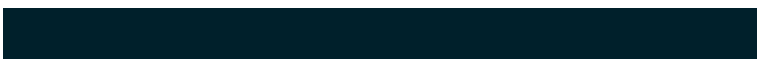
79, 113, 214



96, 104, 107



0, 127, 171



0, 32, 43

Inverse Universe

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



214, 79, 179



255, 61, 205



214, 180, 79



107, 96, 104



171, 0, 127



43, 0, 32

Previews

White Background



This preview shows how the RGB color 79, 179, 214 looks on a white background.

Color Contrast Check

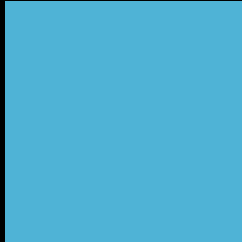
Large Text (above 18pt) WCAG AA × Fail

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 79, 179, 214 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 79, 179, 214 Background



This preview shows how black text looks on a background with the RGB color 79, 179, 214.



This preview shows how white text looks on a background with the RGB color 79, 179, 214.

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](#).

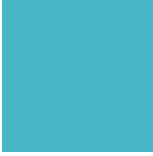
Dichromacy



Original Color
79, 179, 214

Protanopia
157, 165, 204

Deuteranopia
155, 163, 217



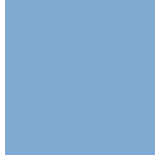
Tritanopia
71, 182, 197

Trichromacy



Original Color

79, 179, 214



Protanomaly

129, 170, 208



Deuteranomaly

127, 169, 216



Tritanomaly

74, 181, 203

Monochromacy



Original Color

79, 179, 214



Achromatopsia

153, 153, 153



Achromatomaly

126, 162, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 179, 214 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(79, 179, 214)` looks like.

```
.text, #text, p{  
    color:rgb(79, 179, 214)  
}
```

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(79, 179, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 179, 214) }
```

Border

The CSS property to change the border of an element to RGB 79, 179, 214 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(79, 179, 214) }
```

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

```
.border{ border-color:rgb(79, 179, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 179, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 179, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 179, 214);  
box-shadow:4px 4px 4px 4px rgb(79, 179,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 79, 179, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 179, 214) }
```

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

```
.background{ background-color: rgb(79, 179,  
214) }
```

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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