

Converting Colors

RGB(84, 187, 209)

Have a look what the booklet for
RGB(84, 187, 209) contains.

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Color

RGB(84, 187, 209)

Conversions

Conversions Part 1

Format	Color
Hex	54BBD1
RGB	84, 187, 209
RGB Percent	33%, 73%, 82%
CMY	0.6706, 0.2667, 0.1804
CMYK	0.60, 0.11, 0.00, 0.18
HSL	191°, 58%, 57%
HSV	191°, 60%, 82%
XYZ	32.9351, 42.0289, 66.6981
YIQ	158.7110, -68.4500, -14.9940

Conversions

Conversions Part 2

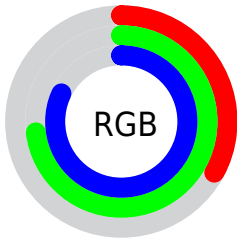
Format	Color
RYB	84, 140, 209
Decimal	5553105
CIELab	70.89, -23.34, -20.04
CIELCh	71, 30.765, 220.658
Yxy	42.0289, 0.2325, 0.2967
Android (android.graphics.Color)	4283743185 (0xFF54BBD1)
YUV	158.7110, 24.7925, -65.5215
Hunter-Lab	64.8297, -22.7696, -15.6180

Details

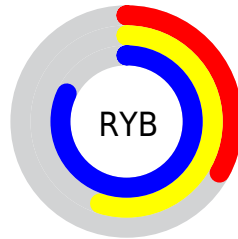
The RGB color **84, 187, 209** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **209, 106, 84**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **144, 243, 255**, and **0, 134, 155** is the 20% darker color. If you saturate the color by 10%, you get **63, 183, 209**, and if you desaturate by 10%, it is **105, 191, 209**.

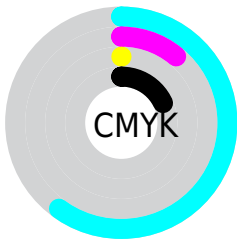
Distribution



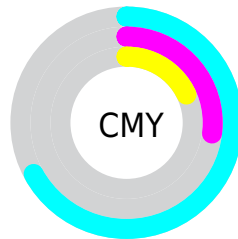
- Red (33%)
- Green (73%)
- Blue (82%)



- Red (33%)
- Yellow (55%)
- Blue (82%)



- Cyan (60%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



















- Cyan (67%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 187, 209 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 84, 187, 209 by changing the saturation by 10% instead.

 84, 187, 209	 84, 187, 209
 255, 255, 255	 50, 160, 181
 144, 243, 255	 0, 134, 155
 174, 255, 255	 0, 108, 129
 204, 255, 255	 0, 84, 103
 234, 255, 255	 0, 60, 79
	 0, 38, 56
	 0, 8, 35
	 0, 0, 11
	 0, 0, 0

■ 84, 187, 209

■ 84, 187, 209

■ 63, 183, 209

■ 105, 191, 209

■ 42, 180, 209

■ 126, 194, 209

■ 21, 176, 209

■ 147, 198, 209

■ 0, 172, 209

■ 168, 202, 209

■ 0, 172, 209

■ 188, 205, 209

■ 209, 209, 209

■ 230, 213, 209

■ 251, 216, 209

■ 255, 220, 209

Harmonies

Analogous

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



91, 189, 183



84, 187, 209



111, 181, 226

Triad

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



84, 187, 209



217, 155, 193



183, 175, 118

Complementary

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



84, 187, 209



209, 106, 84

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.



209, 166, 121



84, 187, 209



229, 153, 164

Square

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



84, 187, 209



190, 163, 216



226, 157, 138



152, 183, 130

Rectangle

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



84, 187, 209



138, 176, 229



226, 157, 138



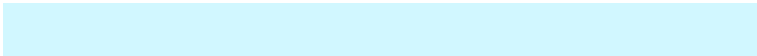
193, 172, 117

Sweetspot

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



84, 187, 209



209, 247, 255



84, 209, 105



99, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



84, 187, 209



71, 223, 255



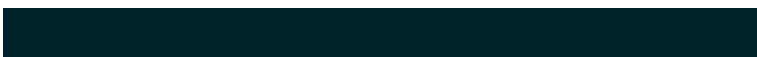
84, 126, 209



94, 103, 105



0, 139, 168



0, 34, 41

Inverse Universe

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



209, 84, 187



255, 71, 223



209, 167, 84



105, 94, 103



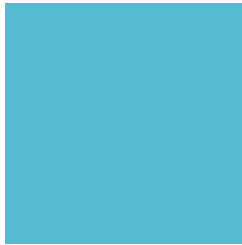
168, 0, 139



41, 0, 34

Previews

White Background



This preview shows how the RGB color 84, 187, 209 looks on a white background.

Color Contrast Check

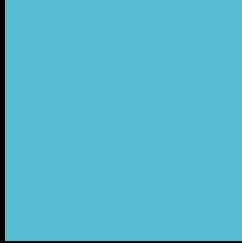
Large Text (above 18pt) WCAG AA × Fail

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 84, 187, 209 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 84, 187, 209 Background



This preview shows how black text looks on a background with the RGB color 84, 187, 209.



This preview shows how white text looks on a background with the RGB color 84, 187, 209.

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
81, 188, 203

Trichromacy



Original Color
84, 187, 209



Protanomaly
137, 177, 202



Deuteranomaly
138, 176, 212



Tritanomaly
82, 188, 205

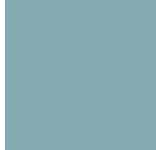
Monochromacy



Original Color
84, 187, 209



Achromatopsia
159, 159, 159



Achromatomaly
132, 169, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 187, 209 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(84, 187, 209)` looks like.

```
.text, #text, p{  
    color:rgb(84, 187, 209)  
}
```

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(84, 187, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 187, 209) }
```

Border

The CSS property to change the border of an element to RGB 84, 187, 209 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(84, 187, 209) }
```

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

```
.border{ border-color:rgb(84, 187, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 187, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 187, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 187, 209);  
box-shadow:4px 4px 4px 4px rgb(84, 187,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 84, 187, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 187, 209) }
```

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

```
.background{ background-color: rgb(84, 187,  
209) }
```

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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