

Converting Colors

RGB(84, 222, 252)

Have a look what the booklet for
RGB(84, 222, 252) contains.

RGB(84, 222, 252)	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(84, 222, 252)

Conversions

Conversions Part 1

Format	Color
Hex	54DEFC
RGB	84, 222, 252
RGB Percent	33%, 87%, 99%
CMY	0.6706, 0.1294, 0.0118
CMYK	0.67, 0.12, 0.00, 0.01
HSL	191°, 97%, 66%
HSV	191°, 67%, 99%
XYZ	47.3481, 61.1556, 101.4042
YIQ	184.1580, -91.8780, -19.9260

Conversions

Conversions Part 2

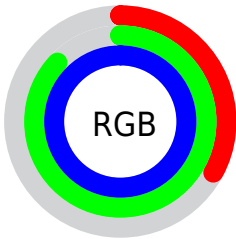
Format	Color
R_{YB}	84, 160, 252
Decimal	5562108
CIE _{Lab}	82.46, -28.05, -25.55
CIE _{LCh}	82, 37.938, 222.334
Yxy	61.1556, 0.2256, 0.2913
Android (android.graphics.Color)	4283752188 (0xFF54DEFC)
YUV	184.1580, 33.4461, -87.8386
Hunter-Lab	78.2021, -28.7793, -22.1395

Details

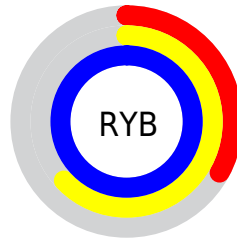
The RGB color **84, 222, 252** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **252, 114, 84**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **151, 255, 255**, and **0, 167, 195** is the 20% darker color. If you saturate the color by 10%, you get **59, 217, 252**, and if you desaturate by 10%, it is **109, 226, 252**.

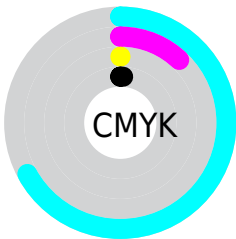
Distribution



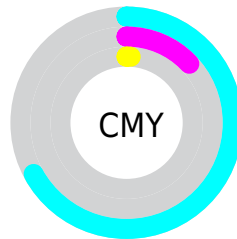
- Red (33%)
- Green (87%)
- Blue (99%)



- Red (33%)
- Yellow (63%)
- Blue (99%)



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



















- Cyan (67%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 222, 252 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, 222, 252 by changing the saturation by 10% instead.

 84, 222, 252	 84, 222, 252
 255, 255, 255	 40, 194, 223
 151, 255, 255	 0, 167, 195
 182, 255, 255	 0, 140, 168
 213, 255, 255	 0, 114, 142
 244, 255, 255	 0, 89, 116
	 0, 65, 91
	 0, 43, 68
	 0, 18, 45
	 0, 1, 24

■ 84, 222, 252

■ 84, 222, 252

■ 59, 217, 252

■ 109, 226, 252

■ 34, 213, 252

■ 134, 231, 252

■ 8, 208, 252

■ 160, 235, 252

■ 0, 207, 252

■ 185, 240, 252

■ 210, 245, 252

■ 235, 249, 252

■ 255, 254, 252

255, 255, 252

Harmonies

Analogous

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



93, 225, 219



84, 222, 252



124, 215, 255

Triad

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



84, 222, 252



255, 181, 228



215, 208, 135

Complementary

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



84, 222, 252



252, 114, 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.



248, 196, 138



84, 222, 252



255, 178, 192

Square

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



84, 222, 252



228, 191, 255



255, 184, 159



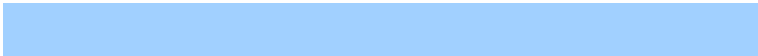
175, 217, 151

Rectangle

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



84, 222, 252



161, 208, 255



255, 184, 159



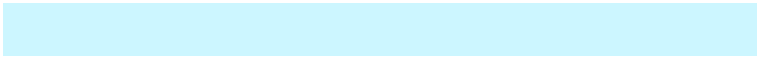
227, 204, 134

Sweetspot

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



84, 222, 252



204, 246, 255



84, 252, 112



97, 122, 128



0, 0, 0



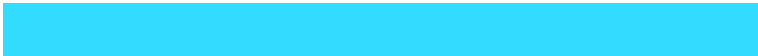
128, 128, 128

Same Dimension

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



84, 222, 252



51, 219, 255



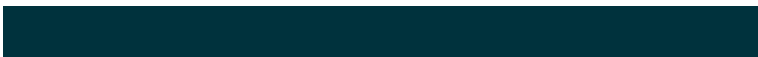
84, 140, 252



112, 123, 125



0, 155, 189



0, 50, 61

Inverse Universe

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



252, 84, 222



255, 51, 219



252, 196, 84



125, 112, 123



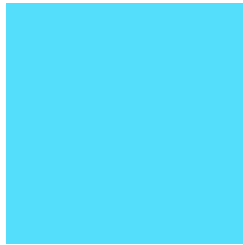
189, 0, 155



61, 0, 50

Previews

White Background



This preview shows how the RGB color 84, 222, 252 looks on a white background.

Color Contrast Check

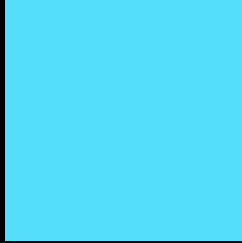
Large Text (above 18pt) WCAG AA × Fail

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, 222, 252 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, 222, 252 Background



This preview shows how black text looks on a background with the RGB color 84, 222, 252.

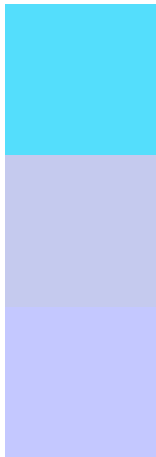


This preview shows how white text looks on a background with the RGB color 84, 222, 252.

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](#).

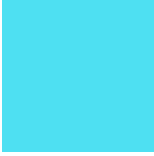
Dichromacy



Original Color
84, 222, 252

Protanopia
197, 202, 238

Deuteranopia
196, 200, 255



Tritanopia
78, 224, 242

Trichromacy



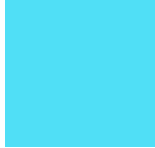
Original Color
84, 222, 252



Protanomaly
156, 209, 243



Deuteranomaly
155, 208, 254

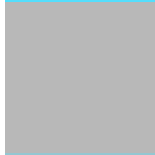


Tritanomaly
80, 223, 246

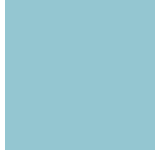
Monochromacy



Original Color
84, 222, 252



Achromatopsia
184, 184, 184



Achromatomaly
148, 198, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 222, 252 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, 222, 252) looks like.

```
.text, #text, p{  
    color:rgb(84, 222, 252)  
}
```

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, 222, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 222, 252) }
```

Border

The CSS property to change the border of an element to RGB 84, 222, 252 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, 222, 252) }
```

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

```
.border{ border-color:rgb(84, 222, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 222, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 222, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 222, 252);  
box-shadow:4px 4px 4px 4px rgb(84, 222,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 84, 222, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 222, 252) }
```

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

```
.background{ background-color: rgb(84, 222,  
252) }
```

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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