

Converting Colors

RGB(89, 218, 239)

Have a look what the booklet for
RGB(89, 218, 239) contains.

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Color

RGB(89, 218, 239)

Conversions

Conversions Part 1

Format	Color
Hex	59DAEF
RGB	89, 218, 239
RGB Percent	35%, 85%, 94%
CMY	0.6510, 0.1451, 0.0627
CMYK	0.63, 0.09, 0.00, 0.06
HSL	188°, 82%, 64%
HSV	188°, 63%, 94%
XYZ	44.7712, 58.4986, 90.5930
YIQ	181.8230, -83.6250, -20.8170

Conversions

Conversions Part 2

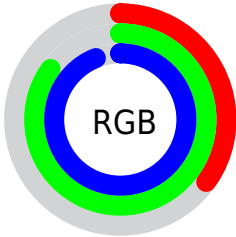
Format	Color
R_{YB}	89, 158, 239
Decimal	5888751
CIE _{Lab}	81.02, -29.13, -20.84
CIE _{LCh}	81, 35.820, 215.579
Yxy	58.4986, 0.2309, 0.3018
Android (android.graphics.Color)	4284078831 (0xFF59DAEF)
YUV	181.8230, 28.1883, -81.4058
Hunter-Lab	76.4844, -29.3603, -16.6878

Details

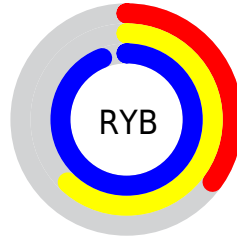
The RGB color **89, 218, 239** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **239, 110, 89**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **153, 255, 255**, and **0, 163, 183** is the 20% darker color. If you saturate the color by 10%, you get **65, 215, 239**, and if you desaturate by 10%, it is **113, 221, 239**.

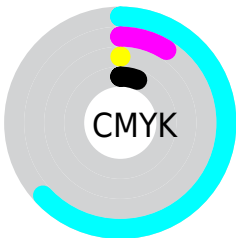
Distribution



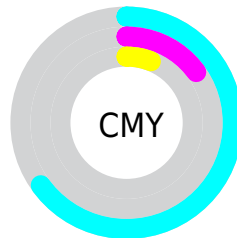
- Red (35%)
- Green (85%)
- Blue (94%)



- Red (35%)
- Yellow (62%)
- Blue (94%)



- Cyan (63%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



















- Cyan (65%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 89, 218, 239 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 89, 218, 239 by changing the saturation by 10% instead.

 89, 218, 239	 89, 218, 239
 255, 255, 255	 51, 190, 211
 153, 255, 255	 0, 163, 183
 184, 255, 255	 0, 136, 156
 214, 255, 255	 0, 110, 130
 245, 255, 255	 0, 86, 105
	 0, 62, 81
	 0, 40, 58
	 0, 9, 36
	 0, 1, 13

■ 89, 218, 239

■ 89, 218, 239

■ 65, 215, 239

■ 113, 221, 239

■ 41, 211, 239

■ 137, 225, 239

■ 17, 208, 239

■ 161, 228, 239

■ 0, 206, 239

■ 185, 231, 239

■ 209, 235, 239

■ 232, 238, 239

■ 255, 241, 239

■ 255, 245, 239

■ 255, 248, 239

Harmonies

Analogous

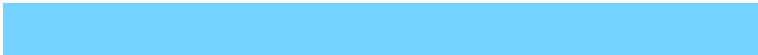
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



105, 220, 206



89, 218, 239



116, 212, 255

Triad

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



89, 218, 239



249, 180, 230



218, 201, 134

Complementary

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



89, 218, 239



239, 110, 89

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, 190, 141



89, 218, 239



255, 176, 196

Square

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



89, 218, 239



214, 190, 255



255, 180, 164



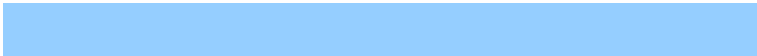
182, 211, 146

Rectangle

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



89, 218, 239



149, 206, 255



255, 180, 164



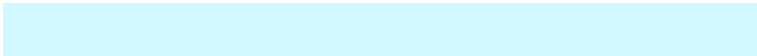
229, 197, 134

Sweetspot

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



89, 218, 239



207, 248, 255



89, 239, 109



98, 123, 128



0, 0, 0



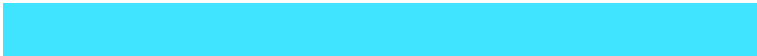
128, 128, 128

Same Dimension

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



89, 218, 239



64, 228, 255



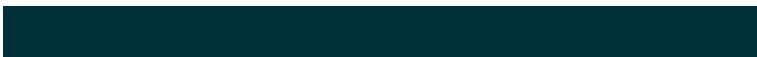
89, 144, 239



108, 118, 120



0, 158, 184



0, 48, 56

Inverse Universe

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



239, 89, 218



255, 64, 228



239, 184, 89



120, 108, 118



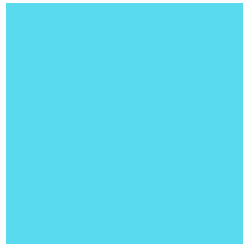
184, 0, 158



56, 0, 48

Previews

White Background



This preview shows how the RGB color 89, 218, 239 looks on a white background.

Color Contrast Check

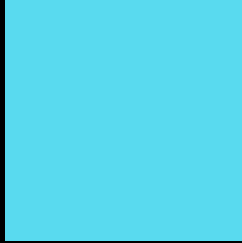
Large Text (above 18pt) WCAG AA × Fail

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 89, 218, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

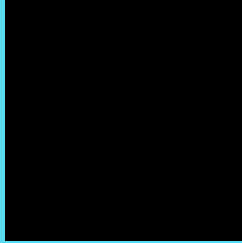
Any Text WCAG AA ✓ Pass

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 89, 218, 239 Background



This preview shows how black text looks on a background with the RGB color 89, 218, 239.

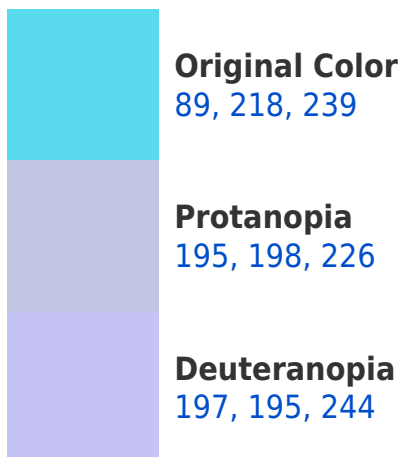


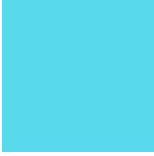
This preview shows how white text looks on a background with the RGB color 89, 218, 239.

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



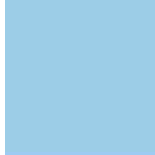


Tritanopia
88, 218, 236

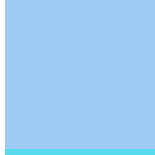
Trichromacy



Original Color
89, 218, 239



Protanomaly
156, 205, 231



Deuteranomaly
158, 203, 242

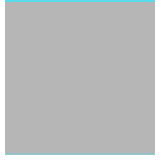


Tritanomaly
88, 218, 237

Monochromacy



Original Color
89, 218, 239



Achromatopsia
182, 182, 182



Achromatomaly
148, 195, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 89, 218, 239 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(89, 218, 239)` looks like.

```
.text, #text, p{  
    color:rgb(89, 218, 239)  
}
```

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(89, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 218, 239) }
```

Border

The CSS property to change the border of an element to RGB 89, 218, 239 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(89, 218, 239) }
```

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

```
.border{ border-color:rgb(89, 218, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 218, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 218, 239);  
box-shadow:4px 4px 4px 4px rgb(89, 218,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 89, 218, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 218, 239) }
```

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

```
.background{ background-color: rgb(89, 218,  
239) }
```

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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