

Converting Colors

RGB(109, 211, 255)

Have a look what the booklet for
RGB(109, 211, 255) contains.

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Color

RGB(109, 211, 255)

Conversions

Conversions Part 1

Format	Color
Hex	6DD3FF
RGB	109, 211, 255
RGB Percent	43%, 83%, 100%
CMY	0.5725, 0.1725, 0.0000
CMYK	0.57, 0.17, 0.00, 0.00
HSL	198°, 100%, 71%
HSV	198°, 57%, 100%
XYZ	47.6509, 57.0597, 103.1099
YIQ	185.5180, -74.9160, -7.9400

Conversions

Conversions Part 2

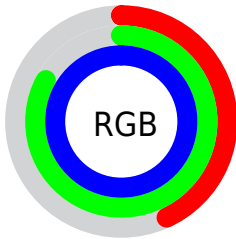
Format	Color
RYB	109, 169, 255
Decimal	7197695
CIELab	80.21, -17.51, -30.52
CIElCh	80, 35.181, 240.157
Yxy	57.0597, 0.2293, 0.2746
Android (android.graphics.Color)	4285387775 (0xFF6DD3FF)
YUV	185.5180, 34.2546, -67.1063
Hunter-Lab	75.5379, -19.5897, -28.0548

Details

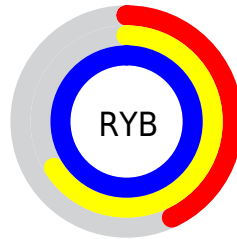
The RGB color **109, 211, 255** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **255, 153, 109**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **170, 255, 255**, and **35, 156, 198** is the 20% darker color. If you saturate the color by 10%, you get **84, 203, 255**, and if you desaturate by 10%, it is **135, 219, 255**.

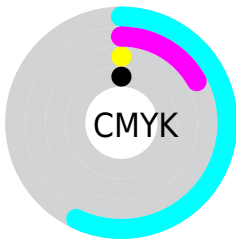
Distribution



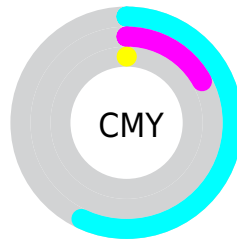
- Red (43%)
- Green (83%)
- Blue (100%)



- Red (43%)
- Yellow (66%)
- Blue (100%)



- Cyan (57%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 109, 211, 255 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 109, 211, 255 by changing the saturation by 10% instead.


 109, 211, 255

 109, 211, 255

255, 255, 255

 76, 183, 226

 170, 255, 255

 35, 156, 198

 200, 255, 255

 0, 130, 171

 231, 255, 255

 0, 105, 144

 0, 81, 118

 0, 58, 93

 0, 36, 70

 0, 5, 47

 0, 1, 26

■ 109, 211, 255

■ 109, 211, 255

■ 84, 203, 255

■ 135, 219, 255

■ 58, 196, 255

■ 160, 226, 255

■ 33, 188, 255

■ 186, 234, 255

■ 7, 180, 255

■ 211, 242, 255

■ 0, 178, 255

■ 237, 249, 255

255, 255, 255

Harmonies

Analogous

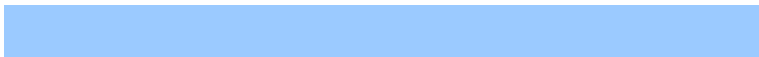
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90, 216, 231



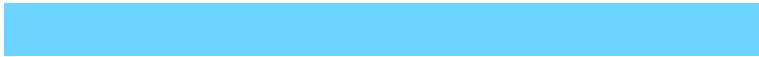
109, 211, 255



155, 202, 255

Triad

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



109, 211, 255



255, 174, 200



187, 207, 141

Complementary

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



109, 211, 255



255, 153, 109

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.



222, 197, 133



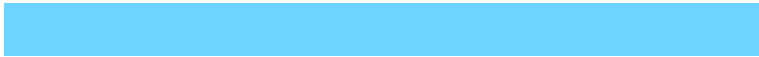
109, 211, 255



255, 177, 168

Square

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



109, 211, 255



241, 180, 232



249, 186, 143



149, 214, 165

Rectangle

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



109, 211, 255



188, 194, 255



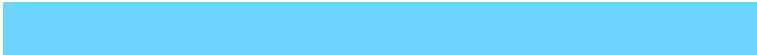
249, 186, 143



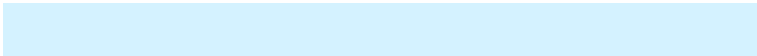
199, 204, 137

Sweetspot

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



109, 211, 255



212, 242, 255



109, 255, 153



102, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



109, 211, 255



79, 202, 255



109, 138, 255



115, 124, 128



0, 134, 191



0, 45, 64

Inverse Universe

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



255, 109, 211



255, 79, 202



255, 226, 109



128, 115, 124



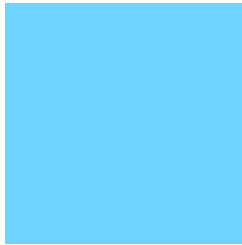
191, 0, 134



64, 0, 45

Previews

White Background



This preview shows how the RGB color 109, 211, 255 looks on a white background.

Color Contrast Check

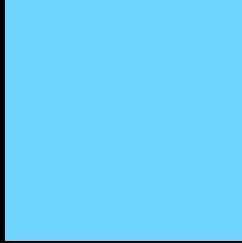
Large Text (above 18pt) WCAG AA × Fail

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 109, 211, 255 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

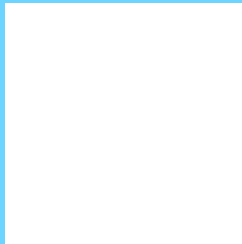
Any Text WCAG AAA ✓ Pass

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

RGB 109, 211, 255 Background



This preview shows how black text looks on a background with the RGB color 109, 211, 255.

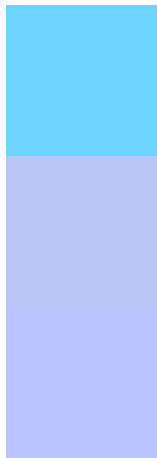


This preview shows how white text looks on a background with the RGB color 109, 211, 255.

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
109, 211, 255

Protanopia
186, 196, 244

Deuteranopia
185, 195, 255

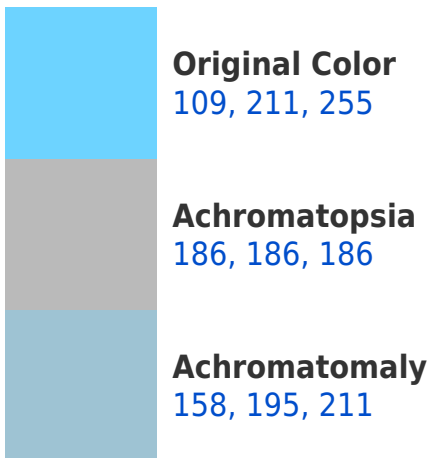


Tritanopia
100, 215, 232

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 211, 255 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(109, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(109, 211, 255)  
}
```

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(109, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 211, 255) }
```

Border

The CSS property to change the border of an element to RGB 109, 211, 255 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(109, 211, 255) }
```

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

```
.border{ border-color:rgb(109, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(109, 211,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 109, 211, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 211, 255) }
```

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

```
.background{ background-color: rgb(109,  
211, 255) }
```

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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