

Converting Colors

RGB(99, 189, 255)

Have a look what the booklet for
RGB(99, 189, 255) contains.

RGB(99, 189, 255)	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(99, 189, 255)

Conversions

Conversions Part 1

Format	Color
Hex	63BDFF
RGB	99, 189, 255
RGB Percent	39%, 74%, 100%
CMY	0.6118, 0.2588, 0.0000
CMYK	0.61, 0.26, 0.00, 0.00
HSL	205°, 100%, 69%
HSV	205°, 61%, 100%
XYZ	41.3932, 46.2678, 101.3567
YIQ	169.6140, -74.8260, 1.4460

Conversions

Conversions Part 2

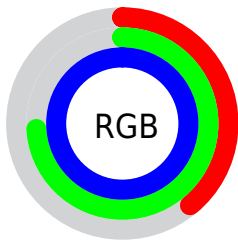
Format	Color
R _Y B	99, 156, 255
Decimal	6536703
CIE Lab	73.72, -7.72, -40.59
CIE LCh	74, 41.322, 259.226
Yxy	46.2678, 0.2190, 0.2448
Android (android.graphics.Color)	4284726783 (0xFF63BDFF)
YUV	169.6140, 42.0953, -61.9285
Hunter-Lab	68.0205, -10.4114, -40.7332

Details

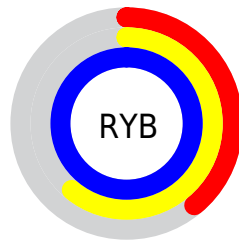
The RGB color **99, 189, 255** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **255, 165, 99**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **161, 245, 255**, and **8, 136, 198** is the 20% darker color. If you saturate the color by 10%, you get **73, 178, 255**, and if you desaturate by 10%, it is **124, 200, 255**.

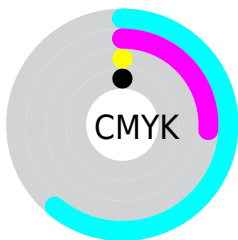
Distribution



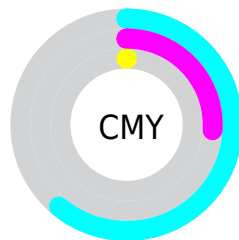
- Red (39%)
- Green (74%)
- Blue (100%)



- Red (39%)
- Yellow (61%)
- Blue (100%)



- Cyan (61%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



















- Cyan (61%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 189, 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 99, 189, 255 by changing the saturation by 10% instead.

 99, 189, 255	 99, 189, 255
 255, 255, 255	 64, 162, 226
 161, 245, 255	 8, 136, 198
 191, 255, 255	 0, 111, 170
 222, 255, 255	 0, 86, 144
 253, 255, 255	 0, 63, 118
	 0, 42, 93
	 0, 22, 69
	 0, 4, 46
	 0, 1, 24

■ 99, 189, 255

■ 99, 189, 255

■ 73, 178, 255

■ 124, 200, 255

■ 48, 167, 255

■ 150, 211, 255

■ 22, 157, 255

■ 176, 221, 255

■ 0, 147, 255

■ 201, 232, 255

■ 227, 243, 255

■ 252, 254, 255

■ 255, 255, 255

Harmonies

Analogous

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



0, 197, 237



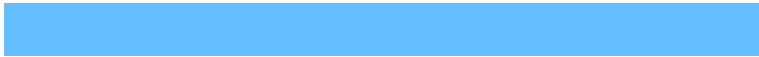
99, 189, 255



165, 176, 253

Triad

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



99, 189, 255



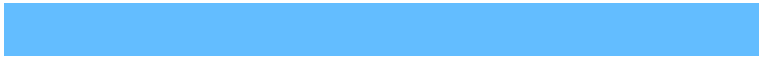
255, 152, 158



138, 195, 130

Complementary

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



99, 189, 255



255, 165, 99

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.



181, 186, 108



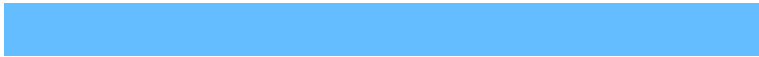
99, 189, 255



244, 161, 125

Square

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



99, 189, 255



246, 153, 196



218, 174, 106



87, 200, 166

Rectangle

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



99, 189, 255



201, 167, 240



218, 174, 106



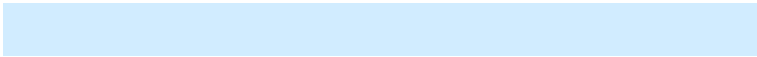
153, 193, 121

Sweetspot

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



99, 189, 255



209, 236, 255



99, 255, 164



99, 116, 128



0, 0, 0



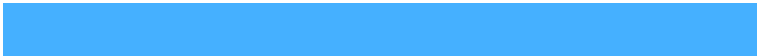
128, 128, 128

Same Dimension

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



99, 189, 255



69, 176, 255



99, 112, 255



115, 122, 128



0, 110, 191



0, 37, 64

Inverse Universe

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



255, 99, 189



255, 69, 176



255, 242, 99



128, 115, 122



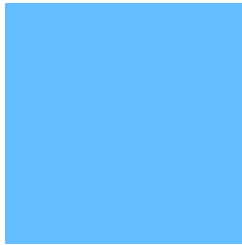
191, 0, 110



64, 0, 37

Previews

White Background



This preview shows how the RGB color 99, 189, 255 looks on a white background.

Color Contrast Check

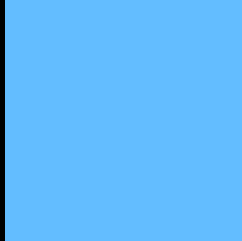
Large Text (above 18pt) WCAG AA × Fail

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 99, 189, 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

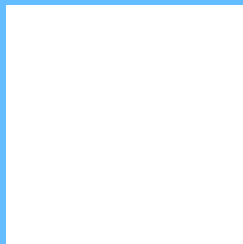
Any Text WCAG AAA ✓ Pass

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

RGB 99, 189, 255 Background



This preview shows how black text looks on a background with the RGB color 99, 189, 255.

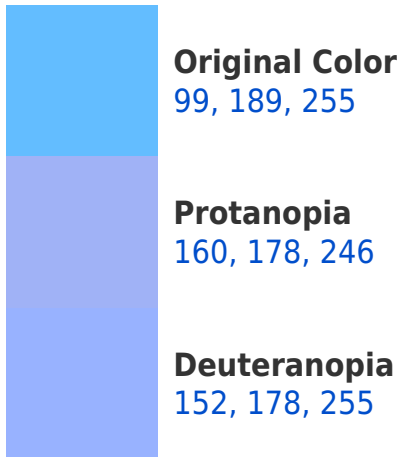


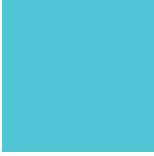
This preview shows how white text looks on a background with the RGB color 99, 189, 255.

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





Tritanopia
79, 197, 213

Trichromacy



Original Color

99, 189, 255



Protanomaly

138, 182, 249



Deuteranomaly

133, 182, 255



Tritanomaly

86, 194, 228

Monochromacy



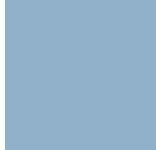
Original Color

99, 189, 255



Achromatopsia

170, 170, 170



Achromatomaly

144, 177, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 189, 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(99, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 189, 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(99, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 189, 255) }
```

Border

The CSS property to change the border of an element to RGB 99, 189, 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(99, 189, 255) }
```

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

```
.border{ border-color:rgb(99, 189, 255) }
```

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

Here you see how a box with a 4 pixel rgb(99, 189, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 189,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 99, 189, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 189, 255) }
```

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

```
.background{ background-color: rgb(99, 189,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor