

# Converting Colors

RGB(85, 141, 252)

Have a look what the booklet for  
RGB(85, 141, 252) contains.

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# Color

**RGB(85, 141, 252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	558DFC
RGB	85, 141, 252
RGB Percent	33%, 55%, 99%
CMY	0.6667, 0.4471, 0.0118
CMYK	0.66, 0.44, 0.00, 0.01
HSL	220°, 97%, 66%
HSV	220°, 66%, 99%
XYZ	30.8419, 28.0093, 95.8763
YIQ	136.9100, -69.0070, 22.6490

# Conversions

## Conversions Part 2

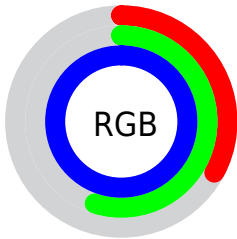
Format	Color
R <sub>Y</sub> B	85, 127, 252
Decimal	5606908
CIE Lab	59.90, 16.44, -60.84
CIE LCh	60, 63.022, 285.125
Yxy	28.0093, 0.1993, 0.1810
Android (android.graphics.Color)	4283796988 (0xFF558DFC)
YUV	136.9100, 56.7394, -45.5251
Hunter-Lab	52.9238, 11.4059, -70.3625

# Details

The RGB color **85, 141, 252** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **252, 196, 85**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **149, 194, 255**, and **0, 92, 195** is the 20% darker color. If you saturate the color by 10%, you get **60, 124, 252**, and if you desaturate by 10%, it is **110, 158, 252**.

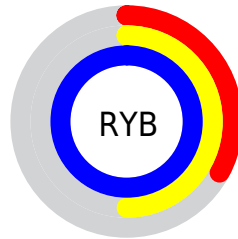
# Distribution



Red (33%)

Green (55%)

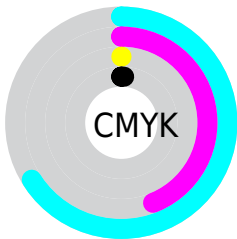
Blue (99%)



Red (33%)

Yellow (50%)

Blue (99%)

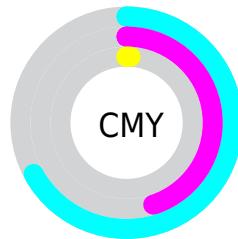


Cyan (66%)

Magenta (44%)

Yellow (0%)

Black (1%)



Cyan (67%)

Magenta (45%)

















Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 85, 141, 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 85, 141, 252 by changing the saturation by 10% instead.



 85, 141, 252	 85, 141, 252
 255, 255, 255	 45, 116, 223
 149, 194, 255	 0, 92, 195
 180, 222, 255	 0, 69, 167
 211, 250, 255	 0, 48, 140
 242, 255, 255	 0, 29, 114
	 0, 0, 89
	 0, 7, 64
	 0, 3, 41
	 0, 1, 19

■ 85, 141, 252

■ 85, 141, 252

■ 60, 124, 252

■ 110, 158, 252

■ 35, 108, 252

■ 135, 174, 252

■ 9, 91, 252

■ 161, 191, 252

■ 0, 85, 252

■ 186, 208, 252

■ 211, 225, 252

■ 236, 241, 252

255, 255, 252

# Harmonies

## Analogous

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



0, 158, 252



85, 141, 252



182, 117, 223

# Triad

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



85, 141, 252



230, 108, 67



0, 169, 114

# Complementary

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



85, 141, 252



252, 196, 85

# 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.



80, 162, 60



85, 141, 252



195, 132, 24

# Square

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



85, 141, 252



244, 91, 119



145, 150, 15



0, 170, 172

# Rectangle

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



85, 141, 252



218, 101, 192



145, 150, 15



0, 167, 95



# Sweetspot

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



85, 141, 252



204, 221, 255



85, 252, 194



97, 107, 128



0, 0, 0

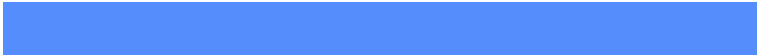


128, 128, 128



# Same Dimension

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



85, 141, 252



51, 119, 255



110, 85, 252



112, 117, 125



0, 63, 189



0, 21, 61



# Inverse Universe

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



252, 85, 141



255, 51, 119



227, 252, 85



125, 112, 117



189, 0, 63



61, 0, 21



# Previews

## White Background



This preview shows how the RGB color 85, 141, 252 looks on a white background.

## Color Contrast Check

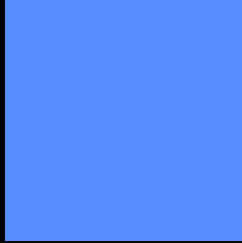
Large Text (above 18pt) WCAG AA ✓ Pass

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 85, 141, 252 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

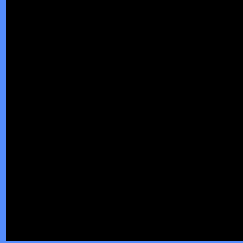
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

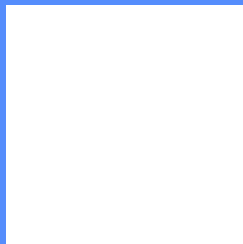
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 85, 141, 252 Background



This preview shows how black text looks on a background with the RGB color 85, 141, 252.



This preview shows how white text looks on a background with the RGB color 85, 141, 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**

85, 141, 252

**Protanopia**

93, 140, 251

**Deuteranopia**

54, 145, 251



**Tritanopia**  
29, 159, 172

# Trichromacy



**Original Color**  
85, 141, 252

**Protanomaly**  
90, 140, 251

**Deuteranomaly**  
65, 144, 251

**Tritanomaly**  
49, 152, 201

# Monochromacy



**Original Color**  
85, 141, 252

**Achromatopsia**  
137, 137, 137

**Achromatomaly**  
118, 138, 179

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 85, 141, 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(85, 141, 252) looks like.

```
.text, #text, p{  
    color:rgb(85, 141, 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(85, 141, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 141, 252) }
```

## Border

The CSS property to change the border of an element to RGB 85, 141, 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(85, 141, 252) }
```

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

```
.border{ border-color:rgb(85, 141, 252) }
```

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

Here you see how a box with a 4 pixel rgb(85, 141, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 141, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 141, 252);  
box-shadow:4px 4px 4px 4px rgb(85, 141,  
252) }
```

# Background

The CSS property to change the background color of an element to RGB 85, 141, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 141, 252) }
```

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

```
.background{ background-color: rgb(85, 141,  
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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