

Converting Colors

RGB(125, 185, 249)

Have a look what the booklet for
RGB(125, 185, 249) contains.

RGB(125, 185, 249)	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(125, 185, 249)

Conversions

Conversions Part 1

Format	Color
Hex	7DB9F9
RGB	125, 185, 249
RGB Percent	49%, 73%, 98%
CMY	0.5098, 0.2745, 0.0235
CMYK	0.50, 0.26, 0.00, 0.02
HSL	211°, 91%, 73%
HSV	211°, 50%, 98%
XYZ	42.9053, 45.8975, 96.2203
YIQ	174.3560, -56.3040, 7.1840

Conversions

Conversions Part 2

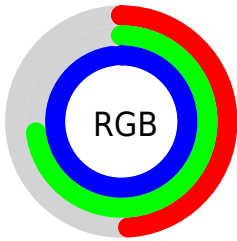
Format	Color
R _Y B	125, 165, 249
Decimal	8239609
CIE Lab	73.48, -2.13, -37.65
CIE LCh	73, 37.711, 266.762
Yxy	45.8975, 0.2319, 0.2481
Android (android.graphics.Color)	4286429689 (0xFF7DB9F9)
YUV	174.3560, 36.7995, -43.2852
Hunter-Lab	67.7477, -5.5125, -36.7847

Details

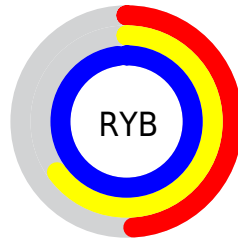
The RGB color **125, 185, 249** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **249, 189, 125**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **183, 241, 255**, and **65, 132, 192** is the 20% darker color. If you saturate the color by 10%, you get **100, 172, 249**, and if you desaturate by 10%, it is **150, 198, 249**.

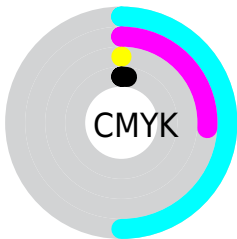
Distribution



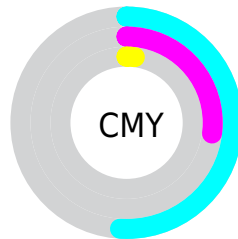
- Red (49%)
- Green (73%)
- Blue (98%)



- Red (49%)
- Yellow (65%)
- Blue (98%)



- Cyan (50%)
- Magenta (26%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 125, 185, 249 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 125, 185, 249 by changing the saturation by 10% instead.


 125, 185, 249

 125, 185, 249


255, 255, 255

 96, 158, 220

 183, 241, 255

 65, 132, 192

 213, 255, 255

 27, 107, 165

 242, 255, 255

 0, 83, 138

 0, 60, 113

 0, 39, 88


 0, 18, 64


 0, 3, 41


 0, 1, 20

 125, 185, 249


 125, 185, 249

 100, 172, 249


 150, 198, 249

 75, 159, 249

 175, 211, 249

 50, 146, 249

 200, 224, 249

 25, 134, 249

 225, 236, 249

 1, 121, 249

 250, 249, 249

 0, 120, 249

 255, 255, 249

Harmonies

Analogous

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



68, 194, 237



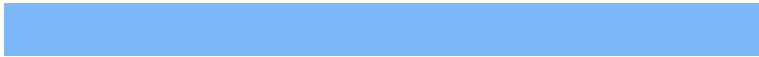
125, 185, 249



179, 173, 242

Triad

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



125, 185, 249



248, 156, 151



131, 195, 141

Complementary

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



125, 185, 249



249, 189, 125

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.



172, 188, 118



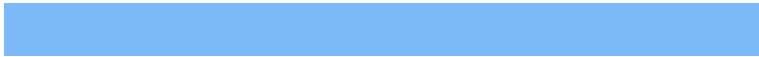
125, 185, 249



234, 165, 124

Square

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



125, 185, 249



244, 154, 186



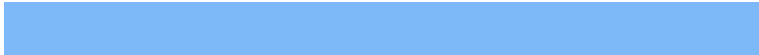
207, 177, 111



87, 199, 175

Rectangle

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



125, 185, 249



209, 165, 228



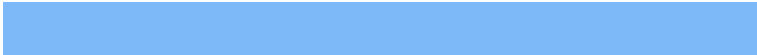
207, 177, 111



145, 193, 132

Sweetspot

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



125, 185, 249



217, 235, 255



125, 249, 187



105, 116, 128



0, 0, 0



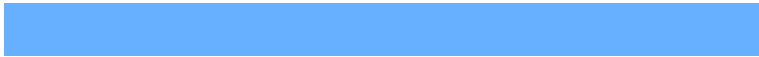
128, 128, 128

Same Dimension

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



125, 185, 249



102, 176, 255



125, 125, 249



112, 119, 125



0, 91, 189



0, 30, 61

Inverse Universe

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



249, 125, 185



255, 102, 176



249, 249, 125



125, 112, 119



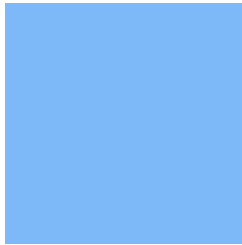
189, 0, 91



61, 0, 30

Previews

White Background



This preview shows how the RGB color 125, 185, 249 looks on a white background.

Color Contrast Check

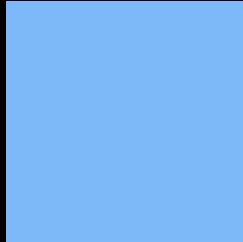
Large Text (above 18pt) WCAG AA × Fail

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 125, 185, 249 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

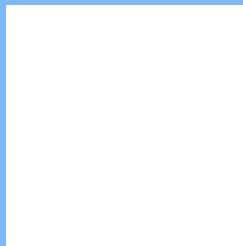
Any Text WCAG AAA ✓ Pass

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

RGB 125, 185, 249 Background



This preview shows how black text looks on a background with the RGB color 125, 185, 249.



This preview shows how white text looks on a background with the RGB color 125, 185, 249.

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](#).

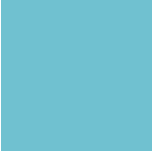
Dichromacy



Original Color
125, 185, 249

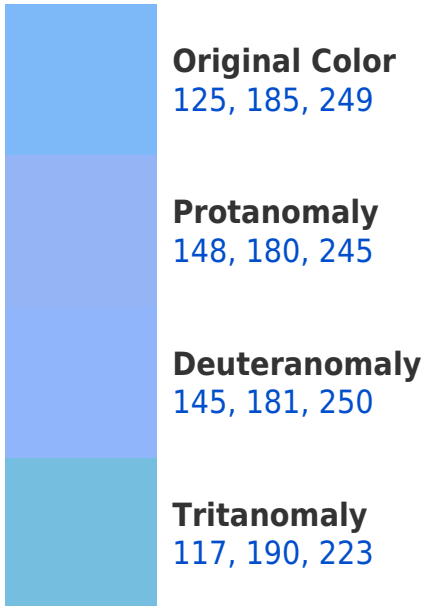
Protanopia
161, 177, 243

Deuteranopia
156, 178, 251

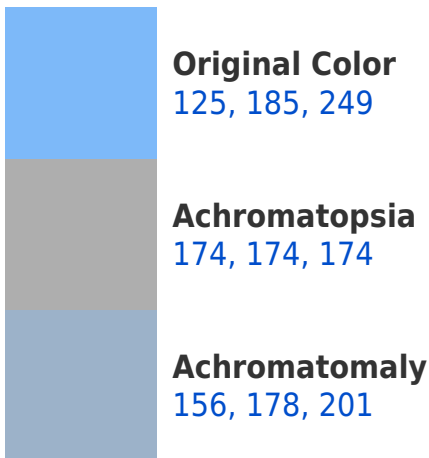


Tritanopia
112, 193, 208

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 185, 249 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(125, 185, 249)` looks like.

```
.text, #text, p{  
    color:rgb(125, 185, 249)  
}
```

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(125, 185, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 185, 249) }
```

Border

The CSS property to change the border of an element to RGB 125, 185, 249 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(125, 185, 249) }
```

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

```
.border{ border-color:rgb(125, 185, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 185, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 185, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 185, 249);  
box-shadow:4px 4px 4px 4px rgb(125, 185,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 125, 185, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 185, 249) }
```

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

```
.background{ background-color: rgb(125,  
185, 249) }
```

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