

Converting Colors

RGB(127, 170, 243)

Have a look what the booklet for
RGB(127, 170, 243) contains.

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Color

RGB(127, 170, 243)

Conversions

Conversions Part 1

Format	Color
Hex	7FAAF3
RGB	127, 170, 243
RGB Percent	50%, 67%, 95%
CMY	0.5020, 0.3333, 0.0471
CMYK	0.48, 0.30, 0.00, 0.05
HSL	218°, 83%, 73%
HSV	218°, 48%, 95%
XYZ	39.3048, 39.7325, 90.3916
YIQ	165.4650, -49.0610, 13.5870

Conversions

Conversions Part 2

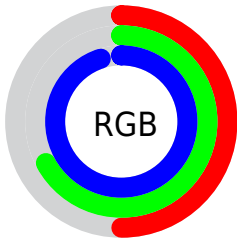
Format	Color
R _Y B	127, 158, 243
Decimal	8366835
CIE _{Lab}	69.28, 4.93, -40.94
CIE _{LCh}	69, 41.233, 276.868
Y _{xy}	39.7325, 0.2320, 0.2345
Android (android.graphics.Color)	4286556915 (0xFF7FAAF3)
Y _{UV}	165.4650, 38.2248, -33.7338
Hunter-Lab	63.0338, 0.9949, -40.8993

Details

The RGB color **127, 170, 243** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **243, 200, 127**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **185, 225, 255**, and **69, 118, 186** is the 20% darker color. If you saturate the color by 10%, you get **103, 155, 243**, and if you desaturate by 10%, it is **151, 185, 243**.

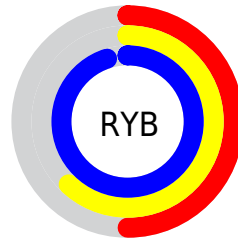
Distribution



Red (50%)

Green (67%)

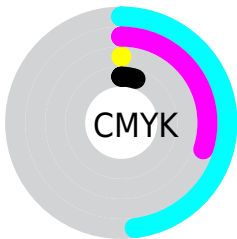
Blue (95%)



Red (50%)

Yellow (62%)

Blue (95%)

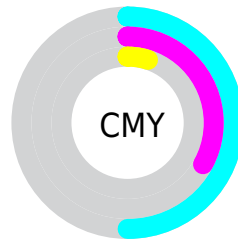


Cyan (48%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (50%)


Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 170, 243 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 127, 170, 243 by changing the saturation by 10% instead.

 127, 170, 243


255, 255, 255


 185, 225, 255

 214, 254, 255

 243, 255, 255

 127, 170, 243

 98, 144, 214

 69, 118, 186

 35, 94, 159

 0, 70, 133

 0, 49, 107

 0, 28, 82

 0, 4, 59


 0, 2, 36


 0, 0, 13

 127, 170, 243


 127, 170, 243

 103, 155, 243


 151, 185, 243

 78, 139, 243

 176, 201, 243

 54, 124, 243


 200, 216, 243

 30, 109, 243

 224, 231, 243

 6, 94, 243

 248, 246, 243

 0, 90, 243

 255, 255, 243

Harmonies

Analogous

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



47, 181, 237



127, 170, 243



184, 156, 229

Triad

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



127, 170, 243



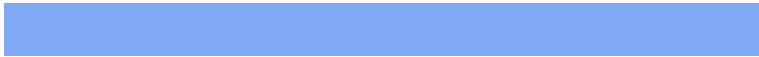
237, 145, 126



97, 187, 139

Complementary

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



127, 170, 243



243, 200, 127

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.



145, 180, 108



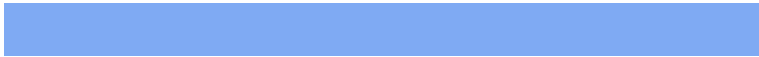
127, 170, 243



217, 157, 101

Square

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



127, 170, 243



240, 139, 162



185, 170, 94



25, 189, 177

Rectangle

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



127, 170, 243



212, 147, 210



185, 170, 94



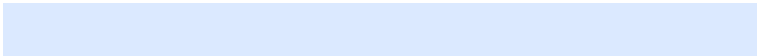
114, 185, 127

Sweetspot

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



127, 170, 243



219, 233, 255



127, 243, 199



106, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 170, 243



110, 164, 255



141, 127, 243



110, 115, 122



0, 69, 186



0, 22, 59

Inverse Universe

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



243, 127, 170



255, 110, 164



229, 243, 127



122, 110, 115



186, 0, 69



59, 0, 22

Previews

White Background



This preview shows how the RGB color 127, 170, 243 looks on a white background.

Color Contrast Check

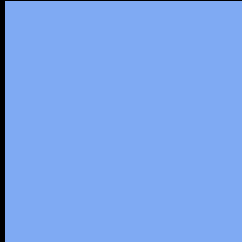
Large Text (above 18pt) WCAG AA × Fail

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 127, 170, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

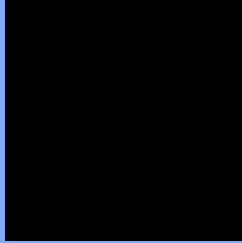
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

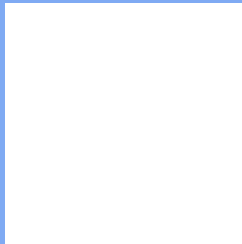
Any Text WCAG AAA ✓ Pass

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

RGB 127, 170, 243 Background



This preview shows how black text looks on a background with the RGB color 127, 170, 243.



This preview shows how white text looks on a background with the RGB color 127, 170, 243.

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](#).

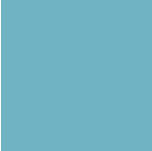
Dichromacy



Original Color
127, 170, 243

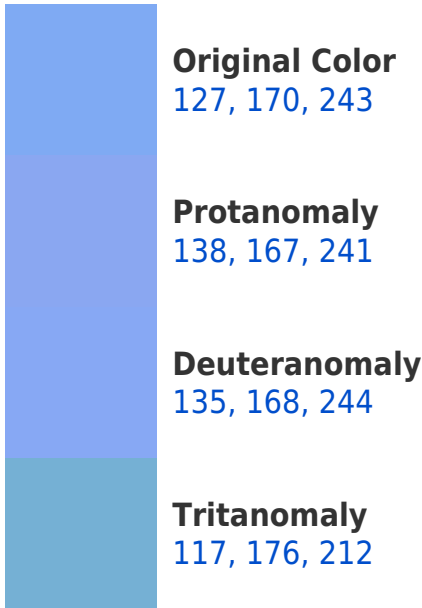
Protanopia
145, 166, 240

Deuteranopia
139, 167, 244

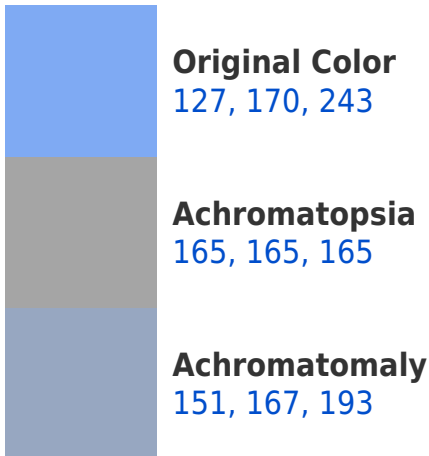


Tritanopia
112, 179, 194

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 170, 243 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(127, 170, 243)` looks like.

```
.text, #text, p{  
    color:rgb(127, 170, 243)  
}
```

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(127, 170, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 170, 243) }
```

Border

The CSS property to change the border of an element to RGB 127, 170, 243 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(127, 170, 243) }
```

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

```
.border{ border-color:rgb(127, 170, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 170, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 170, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 170, 243);  
box-shadow:4px 4px 4px 4px rgb(127, 170,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 127, 170, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 170, 243) }
```

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

```
.background{ background-color: rgb(127,  
170, 243) }
```

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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