

Converting Colors

RGB(125, 170, 227)

Have a look what the booklet for
RGB(125, 170, 227) contains.

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Color

RGB(125, 170, 227)

Conversions

Conversions Part 1

Format	Color
Hex	7DAAE3
RGB	125, 170, 227
RGB Percent	49%, 67%, 89%
CMY	0.5098, 0.3333, 0.1098
CMYK	0.45, 0.25, 0.00, 0.11
HSL	214°, 65%, 69%
HSV	214°, 45%, 89%
XYZ	36.6973, 38.6555, 78.2001
YIQ	163.0430, -45.1170, 8.1870

Conversions

Conversions Part 2

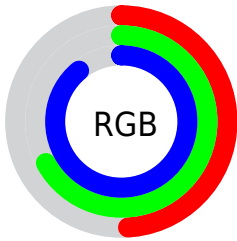
Format	Color
RYB	125, 156, 227
Decimal	8235747
CIELab	68.50, -0.14, -33.42
CIELCh	69, 33.416, 269.753
Yxy	38.6555, 0.2390, 0.2517
Android (android.graphics.Color)	4286425827 (0xFF7DAAE3)
YUV	163.0430, 31.5308, -33.3637
Hunter-Lab	62.1735, -3.4458, -31.0519

Details

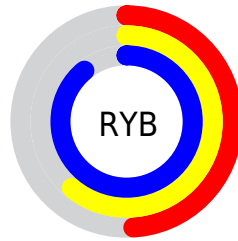
The RGB color **125, 170, 227** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **227, 182, 125**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **181, 225, 255**, and **69, 118, 171** is the 20% darker color. If you saturate the color by 10%, you get **102, 157, 227**, and if you desaturate by 10%, it is **148, 183, 227**.

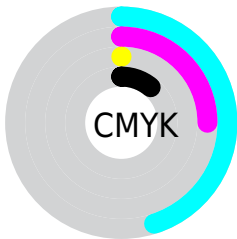
Distribution



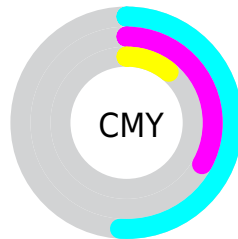
- Red (49%)
- Green (67%)
- Blue (89%)



- Red (49%)
- Yellow (61%)
- Blue (89%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 170, 227 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, 170, 227 by changing the saturation by 10% instead.

 125, 170, 227


255, 255, 255


 181, 225, 255

 210, 254, 255

 240, 255, 255

 125, 170, 227

 97, 144, 199

 69, 118, 171

 38, 94, 145

 0, 70, 119

 0, 48, 94

 0, 28, 70


 0, 4, 47

 0, 1, 26

 0, 0, 0


 125, 170, 227


 125, 170, 227

 102, 157, 227


 148, 183, 227

 80, 145, 227


 170, 195, 227

 57, 132, 227

 193, 208, 227

 34, 119, 227

 216, 221, 227

 11, 107, 227

 239, 233, 227

 0, 100, 227

 255, 246, 227

 255, 255, 227

Harmonies

Analogous

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



79, 178, 218



125, 170, 227



171, 159, 219

Triad

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



125, 170, 227



226, 146, 139



121, 181, 136

Complementary

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



125, 170, 227



227, 182, 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.



156, 174, 114



125, 170, 227



212, 155, 116

Square

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



125, 170, 227



224, 144, 168



188, 165, 106



84, 183, 166

Rectangle

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



125, 170, 227



195, 152, 206



188, 165, 106



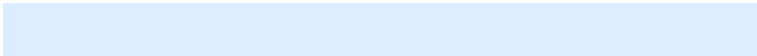
133, 179, 127

Sweetspot

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



125, 170, 227



222, 236, 255



125, 227, 181



107, 116, 128



0, 0, 0



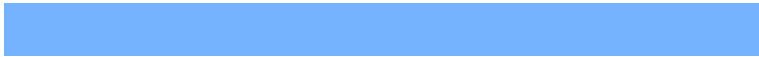
128, 128, 128

Same Dimension

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



125, 170, 227



117, 178, 255



130, 125, 227



103, 108, 115



0, 79, 179



0, 23, 51

Inverse Universe

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



227, 125, 170



255, 117, 178



222, 227, 125



115, 103, 108



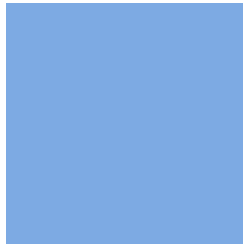
179, 0, 79



51, 0, 23

Previews

White Background



This preview shows how the RGB color 125, 170, 227 looks on a white background.

Color Contrast Check

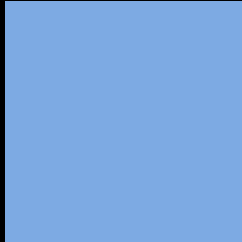
Large Text (above 18pt) WCAG AA × Fail

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, 170, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

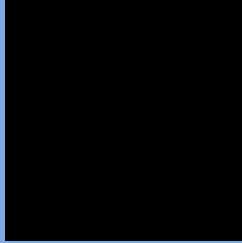
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

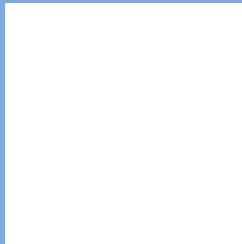
Any Text WCAG AAA ✓ Pass

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

RGB 125, 170, 227 Background



This preview shows how black text looks on a background with the RGB color 125, 170, 227.

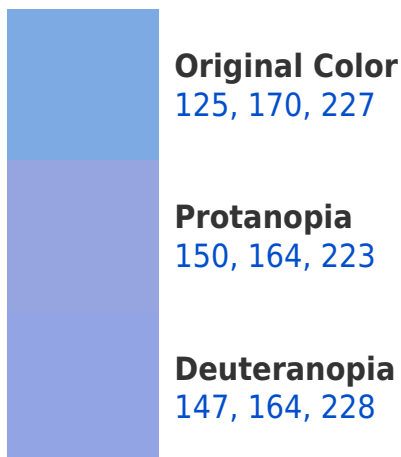


This preview shows how white text looks on a background with the RGB color 125, 170, 227.

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
115, 177, 191

Trichromacy



Original Color
125, 170, 227

Protanomaly
141, 166, 224

Deuteranomaly
139, 166, 228

Tritanomaly
119, 174, 204

Monochromacy



Original Color
125, 170, 227

Achromatopsia
163, 163, 163

Achromatomaly
149, 166, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 170, 227 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, 170, 227)` looks like.

```
.text, #text, p{  
    color:rgb(125, 170, 227)  
}
```

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, 170, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 170, 227) }
```

Border

The CSS property to change the border of an element to RGB 125, 170, 227 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, 170, 227) }
```

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

```
.border{ border-color:rgb(125, 170, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 170, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 170, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 170, 227);  
box-shadow:4px 4px 4px 4px rgb(125, 170,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 125, 170, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 170, 227) }
```

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

```
.background{ background-color: rgb(125,  
170, 227) }
```

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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