

Converting Colors

RGB(122, 154, 232)

Have a look what the booklet for
RGB(122, 154, 232) contains.

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Color

RGB(122, 154, 232)

Conversions

Conversions Part 1

Format	Color
Hex	7A9AE8
RGB	122, 154, 232
RGB Percent	48%, 60%, 91%
CMY	0.5216, 0.3961, 0.0902
CMYK	0.47, 0.34, 0.00, 0.09
HSL	223°, 71%, 69%
HSV	223°, 47%, 91%
XYZ	34.1471, 33.0750, 80.9283
YIQ	153.3240, -44.1100, 17.4740

Conversions

Conversions Part 2

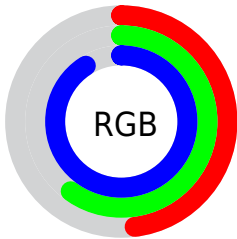
Format	Color
R _Y B	122, 147, 232
Decimal	8035048
CIE Lab	64.22, 9.66, -42.85
CIE LCh	64, 43.929, 282.709
Yxy	33.0750, 0.2305, 0.2233
Android (android.graphics.Color)	4286225128 (0xFF7A9AE8)
YUV	153.3240, 38.7873, -27.4711
Hunter-Lab	57.5108, 5.3406, -43.1743

Details

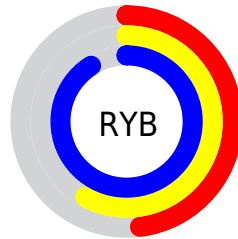
The RGB color **122, 154, 232** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **232, 200, 122**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **179, 208, 255**, and **64, 103, 176** is the 20% darker color. If you saturate the color by 10%, you get **99, 138, 232**, and if you desaturate by 10%, it is **145, 170, 232**.

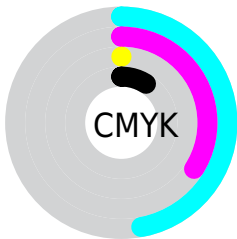
Distribution



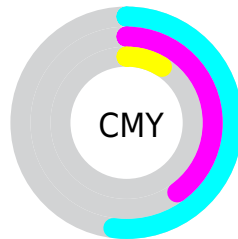
- Red (48%)
- Green (60%)
- Blue (91%)



- Red (48%)
- Yellow (58%)
- Blue (91%)



- Cyan (47%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)




- Cyan (52%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 154, 232 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 122, 154, 232 by changing the saturation by 10% instead.


 122, 154, 232


255, 255, 255


 179, 208, 255


 208, 236, 255

 238, 255, 255

 122, 154, 232


 94, 128, 204

 64, 103, 176

 30, 80, 149

 0, 57, 123

 0, 36, 97


 0, 15, 73


 0, 4, 50

 0, 2, 28


 0, 0, 0

 122, 154, 232


 122, 154, 232

 99, 138, 232

 145, 170, 232

 76, 121, 232

 168, 187, 232

 52, 105, 232


 192, 203, 232

 29, 88, 232

 215, 220, 232

 6, 72, 232

 238, 236, 232

 0, 67, 232

 255, 253, 232

 255, 255, 232

Harmonies

Analogous

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



6, 166, 230



122, 154, 232



181, 139, 214

Triad

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



122, 154, 232



223, 132, 104



63, 174, 131

Complementary

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



122, 154, 232



232, 200, 122

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.



120, 169, 96



122, 154, 232



199, 145, 80

Square

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



122, 154, 232



230, 124, 140



163, 159, 77



0, 176, 172

Rectangle

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



122, 154, 232



207, 130, 192



163, 159, 77



85, 173, 118

Sweetspot

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



122, 154, 232



219, 230, 255



122, 232, 199



106, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



122, 154, 232



110, 152, 255



144, 122, 232



103, 107, 115



0, 52, 179



0, 15, 51

Inverse Universe

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



232, 122, 154



255, 110, 152



210, 232, 122



115, 103, 107



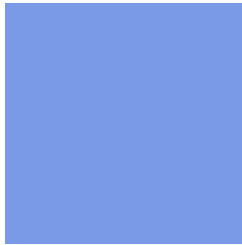
179, 0, 52



51, 0, 15

Previews

White Background



This preview shows how the RGB color 122, 154, 232 looks on a white background.

Color Contrast Check

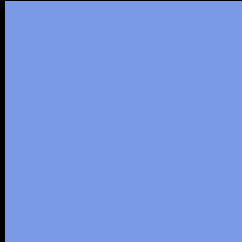
Large Text (above 18pt) WCAG AA × Fail

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 122, 154, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

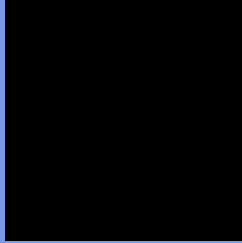
Any Text WCAG AA ✓ Pass

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 122, 154, 232 Background



This preview shows how black text looks on a background with the RGB color 122, 154, 232.



This preview shows how white text looks on a background with the RGB color 122, 154, 232.

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


122, 154, 232

Protanopia

129, 153, 231

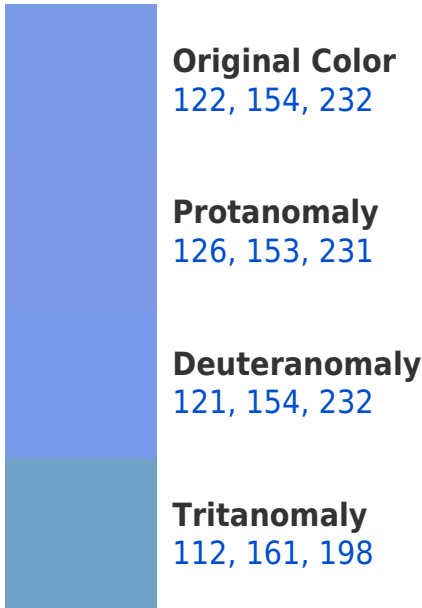
Deuteranopia

120, 154, 232

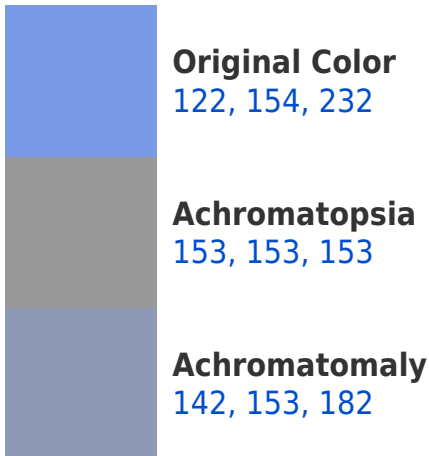


Tritanopia
106, 165, 178

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 154, 232 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(122, 154, 232)` looks like.

```
.text, #text, p{  
    color:rgb(122, 154, 232)  
}
```

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(122, 154, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 154, 232) }
```

Border

The CSS property to change the border of an element to RGB 122, 154, 232 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(122, 154, 232) }
```

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

```
.border{ border-color:rgb(122, 154, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 154, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 154, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 154, 232);  
box-shadow:4px 4px 4px 4px rgb(122, 154,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 122, 154, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 154, 232) }
```

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

```
.background{ background-color: rgb(122,  
154, 232) }
```

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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