

Converting Colors

`RYB(122, 162, 248)`

Have a look what the booklet for RYB(122, 162, 248) contains.

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Color

R_YB(122, 162, 248)

Conversions

Conversions Part 1

Format	Color
Hex	7AB5F8
RGB	122, 181, 248
RGB Percent	48%, 71%, 97%
CMY	0.5216, 0.2917, 0.0275
CMYK	0.51, 0.27, 0.00, 0.03
HSL	212°, 90%, 73%
HSV	212°, 51%, 97%
XYZ	41.4129, 43.8021, 95.0789
YIQ	170.9970, -56.6710, 8.3290

Conversions

Conversions Part 2

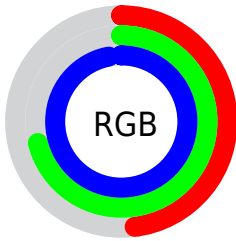
Format	Color
R _Y B	122, 162, 248
Decimal	8041976
CIE Lab	72.10, -0.67, -39.27
CIE LCh	72, 39.279, 269.024
Yxy	43.8021, 0.2297, 0.2429
Android (android.graphics.Color)	4286232056 (0xFF7AB5F8)
YUV	170.9970, 37.9625, -42.9704
Hunter-Lab	66.1831, -4.1273, -38.8480

Details

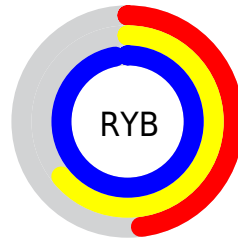
The RYB color **122, 162, 248** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **233, 248, 122**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **180, 212, 255**, and **61, 105, 191** is the 20% darker color. If you saturate the color by 10%, you get **97, 145, 248**, and if you desaturate by 10%, it is **147, 179, 248**.

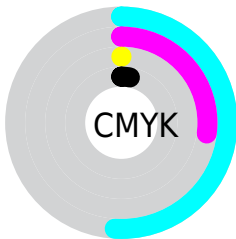
Distribution



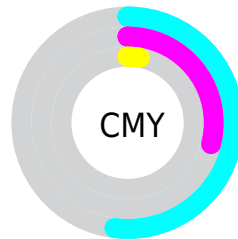
- Red (48%)
- Green (71%)
- Blue (97%)



- Red (48%)
- Yellow (64%)
- Blue (97%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)
- Black (3%)




- Cyan (52%)
- Magenta (29%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 162, 248 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 RYB color 122, 162, 248 by changing the saturation by 10% instead.


 122, 162, 248


255, 255, 255


 180, 212, 255

 210, 233, 255

 240, 248, 255

 122, 162, 248

 92, 134, 219


 61, 105, 191

 19, 72, 164

 0, 50, 137

 0, 38, 112

 0, 25, 87

 0, 11, 63

 0, 3, 41

 0, 1, 18

■ 122, 162, 248

■ 122, 162, 248

■ 97, 145, 248

■ 147, 179, 248

■ 72, 128, 248

■ 172, 196, 248

■ 48, 111, 248

■ 196, 212, 248

■ 23, 95, 248

■ 221, 230, 248

■ 0, 79, 248

■ 246, 247, 248

■ 248, 255, 248

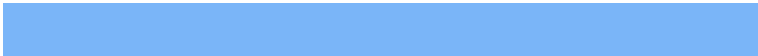
Harmonies

Analogous

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



55, 133, 237



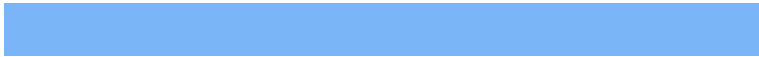
122, 162, 248



179, 168, 239

Triad

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



122, 162, 248



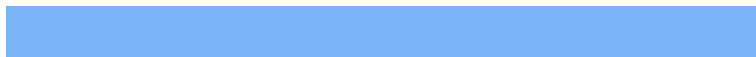
245, 153, 144



121, 178, 192

Complementary

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



122, 162, 248



233, 248, 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.



113, 185, 134



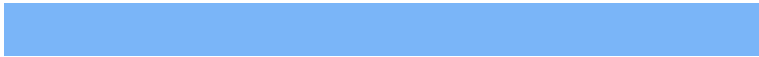
122, 162, 248



230, 193, 116

Square

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



122, 162, 248



243, 149, 179



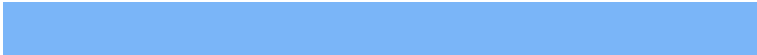
141, 201, 104



72, 140, 196

Rectangle

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



122, 162, 248



209, 159, 224



141, 201, 104



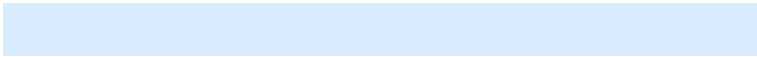
128, 190, 182

Sweetspot

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



122, 162, 248



217, 229, 255



122, 204, 248



105, 112, 128



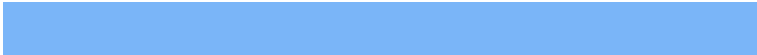
0, 0, 0



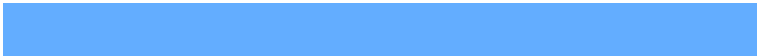
128, 128, 128

Same Dimension

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



122, 162, 248



99, 149, 255



126, 122, 248



112, 116, 125



0, 60, 189



0, 19, 61

Inverse Universe

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



248, 122, 181



255, 99, 172



122, 248, 126



125, 112, 118



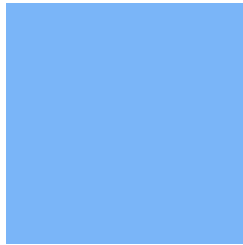
189, 0, 88



61, 0, 28

Previews

White Background



This preview shows how the RYB color 122, 162, 248 looks on a white background.

Color Contrast Check

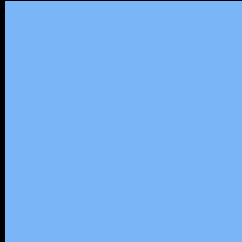
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 122, 162, 248 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

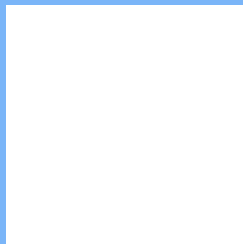
Any Text WCAG AAA ✓ Pass

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

RYB 122, 162, 248 Background



This preview shows how black text looks on a background with the RYB color 122, 162, 248.



This preview shows how white text looks on a background with the RYB color 122, 162, 248.

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, 162, 248

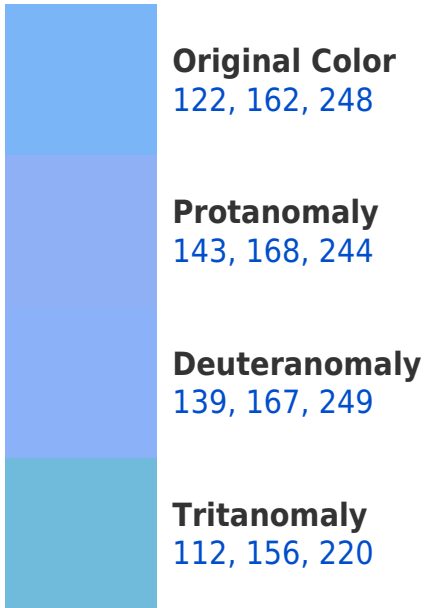
Protanopia
155, 171, 242

Deuteranopia
149, 169, 249

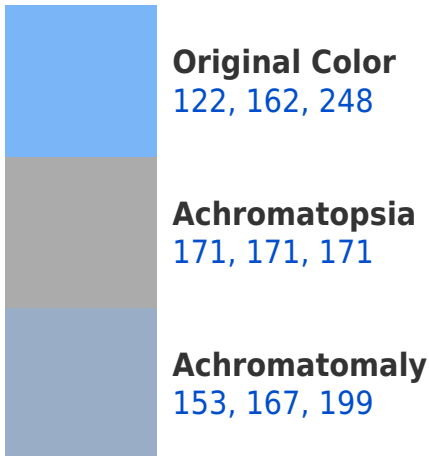


Tritanopia
107, 151, 204

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 162, 248 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, 181, 248)` looks like.

```
.text, #text, p{  
    color:rgb(122, 181, 248)  
}
```

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, 181, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 181, 248) }
```

Border

The CSS property to change the border of an element to RYB 122, 162, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

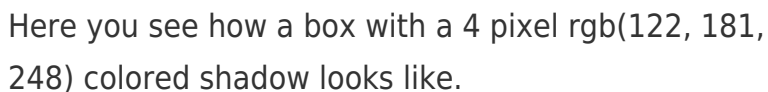
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 181, 248) }
```

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

```
.border{ border-color:rgb(122, 181, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(122, 181, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 181, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 181, 248); box-shadow:4px 4px 4px 4px rgb(122, 181, 248) }
```

Background

The CSS property to change the background color of an element to RYB 122, 162, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 181, 248) }
```

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

```
.background{ background-color: rgb(122,  
181, 248) }
```

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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