

Converting Colors

`RYB(88, 131, 240)`

Have a look what the booklet for
RYB(88, 131, 240) contains.

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Color

RYB(88, 131, 240)

Conversions

Conversions Part 1

Format	Color
Hex	5894F0
RGB	88, 148, 240
RGB Percent	35%, 58%, 94%
CMY	0.6549, 0.4198, 0.0588
CMYK	0.63, 0.38, 0.00, 0.06
HSL	216°, 84%, 64%
HSV	216°, 63%, 94%
XYZ	30.3368, 29.5343, 86.5398
YIQ	140.5480, -65.2920, 15.8920

Conversions

Conversions Part 2

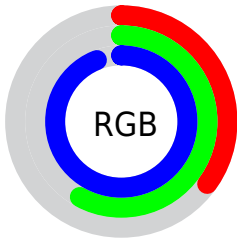
Format	Color
R _Y B	88, 131, 240
Decimal	5805296
CIE Lab	61.25, 8.73, -52.07
CIE LCh	61, 52.796, 279.514
Yxy	29.5343, 0.2072, 0.2017
Android (android.graphics.Color)	4283995376 (0xFF5894F0)
YUV	140.5480, 49.0298, -46.0846
Hunter-Lab	54.3454, 4.5381, -56.3717

Details

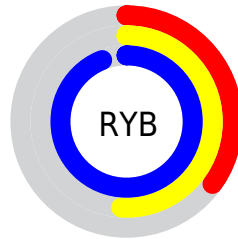
The RYB color **88, 131, 240** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **187, 240, 88**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **150, 185, 255**, and **0, 64, 183** is the 20% darker color. If you saturate the color by 10%, you get **64, 114, 240**, and if you desaturate by 10%, it is **112, 148, 240**.

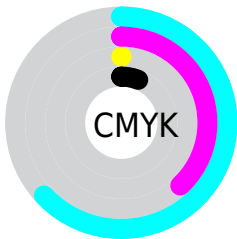
Distribution



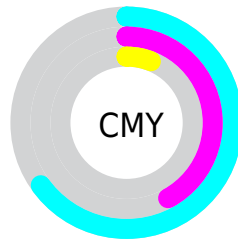
- Red (35%)
- Green (58%)
- Blue (94%)



- Red (35%)
- Yellow (51%)
- Blue (94%)



- Cyan (63%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)



















- Cyan (65%)
- Magenta (42%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 88, 131, 240 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 88, 131, 240 by changing the saturation by 10% instead.

 88, 131, 240	 88, 131, 240
 255, 255, 255	 52, 101, 211
 150, 185, 255	 0, 64, 183
 180, 210, 255	 0, 51, 156
 210, 233, 255	 0, 38, 130
 241, 248, 255	 0, 25, 104
	 0, 7, 79
	 0, 5, 55
	 0, 2, 33
	 0, 0, 6

■ 88, 131, 240

■ 88, 131, 240

■ 64, 114, 240

■ 112, 148, 240

■ 40, 97, 240

■ 136, 165, 240

■ 16, 79, 240

■ 160, 183, 240

■ 0, 68, 240

■ 184, 200, 240

■ 208, 217, 240

■ 232, 234, 240

■ 248, 255, 240

■ 240, 255, 240

Harmonies

Analogous

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



0, 96, 235



88, 131, 240



170, 129, 220

Triad

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



88, 131, 240



227, 122, 91



16, 110, 169

Complementary

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



88, 131, 240



187, 240, 88

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.



72, 162, 125



88, 131, 240



181, 200, 58

Square

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



88, 131, 240



234, 106, 135



60, 160, 49



0, 88, 171

Rectangle

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



88, 131, 240



204, 117, 196



60, 160, 49



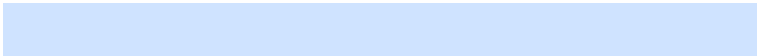
63, 141, 167

Sweetspot

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



88, 131, 240



207, 221, 255



88, 183, 240



98, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



88, 131, 240



61, 116, 255



103, 88, 240



108, 112, 120



0, 52, 184



0, 16, 56

Inverse Universe

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



240, 88, 148



255, 61, 138



88, 240, 103



120, 108, 113



184, 0, 72



56, 0, 22

Previews

White Background



This preview shows how the RYB color 88, 131, 240 looks on a white background.

Color Contrast Check

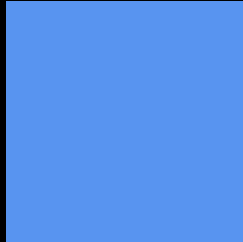
Large Text (above 18pt) WCAG AA ✓ Pass

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 88, 131, 240 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

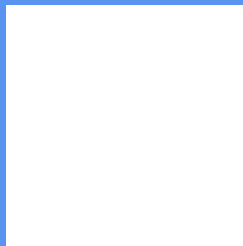
Any Text WCAG AAA × Fail

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

R Y B 88, 131, 240 Background



This preview shows how black text looks on a background with the RYB color 88, 131, 240.

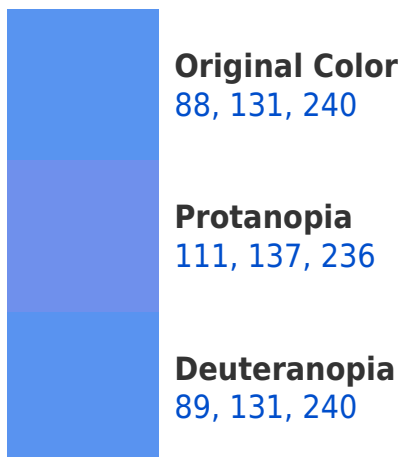



This preview shows how white text looks on a background with the RYB color 88, 131, 240.

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](#).

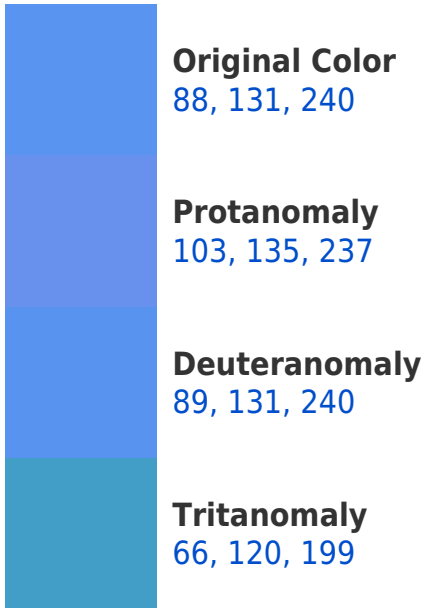
Dichromacy



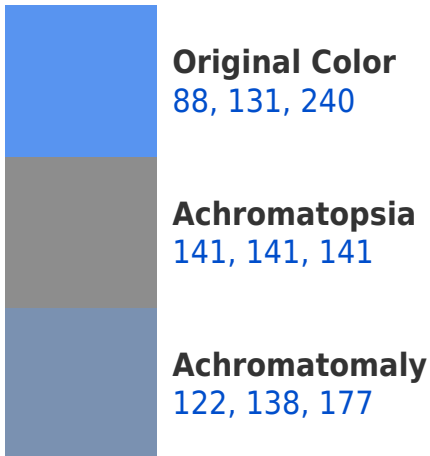


Tritanopia
53, 111, 175

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 88, 131, 240 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(88, 148, 240)` looks like.

```
.text, #text, p{  
    color:rgb(88, 148, 240)  
}
```

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(88, 148, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 148, 240) }
```

Border

The CSS property to change the border of an element to RYB 88, 131, 240 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(88, 148, 240) }
```

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

```
.border{ border-color:rgb(88, 148, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 148, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 148, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 148, 240);  
box-shadow:4px 4px 4px 4px rgb(88, 148,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 88, 131, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 148, 240) }
```

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

```
.background{ background-color: rgb(88, 148,  
240) }
```

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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