

Converting Colors

`RYB(72, 129, 246)`

Have a look what the booklet for
RYB(72, 129, 246) contains.

RYB(72, 129, 246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(72, 129, 246)

Conversions

Conversions Part 1

Format	Color
Hex	489DF6
RGB	72, 157, 246
RGB Percent	28%, 62%, 96%
CMY	0.7176, 0.3852, 0.0353
CMYK	0.71, 0.36, 0.00, 0.04
HSL	211°, 91%, 62%
HSV	211°, 71%, 96%
XYZ	31.3250, 32.0675, 91.7274
YIQ	141.7310, -79.2290, 9.6590

Conversions

Conversions Part 2

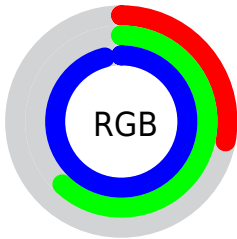
Format	Color
R _Y B	72, 129, 246
Decimal	4759030
CIE Lab	63.40, 3.14, -52.00
CIE LCh	63, 52.091, 273.453
Yxy	32.0675, 0.2019, 0.2067
Android (android.graphics.Color)	4282949110 (0xFF489DF6)
YUV	141.7310, 51.4046, -61.1541
Hunter-Lab	56.6281, -0.3584, -56.3994

Details

The RYB color **72, 129, 246** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **238, 246, 72**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **139, 183, 255**, and **0, 68, 189** is the 20% darker color. If you saturate the color by 10%, you get **47, 112, 246**, and if you desaturate by 10%, it is **97, 146, 246**.

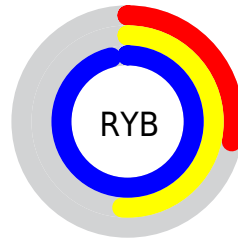
Distribution



Red (28%)

Green (62%)

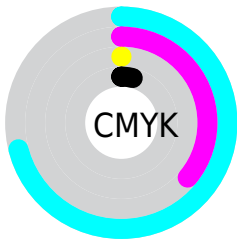
Blue (96%)



Red (28%)

Yellow (51%)

Blue (96%)

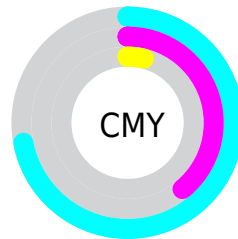


Cyan (71%)

Magenta (36%)

Yellow (0%)

Black (4%)



Cyan (72%)

















Magenta (39%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 72, 129, 246 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 72, 129, 246 by changing the saturation by 10% instead.

 72, 129, 246	 72, 129, 246
 255, 255, 255	 22, 92, 217
 139, 183, 255	 0, 68, 189
 170, 208, 255	 0, 54, 162
 201, 228, 255	 0, 42, 135
 231, 243, 255	 0, 29, 109
	 0, 15, 84
	 0, 5, 60
	 0, 2, 38
	 0, 1, 14

■ 72, 129, 246

■ 72, 129, 246

■ 47, 112, 246

■ 97, 146, 246

■ 23, 96, 246

■ 121, 162, 246

■ 0, 81, 246

■ 146, 179, 246

■ 170, 195, 246

■ 195, 212, 246

■ 220, 228, 246

■ 244, 245, 246

■ 246, 255, 246

Harmonies

Analogous

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



0, 98, 236



72, 129, 246



163, 139, 231

Triad

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



72, 129, 246



236, 121, 105



59, 138, 173

Complementary

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



72, 129, 246



238, 246, 72

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, 166, 111



72, 129, 246



212, 193, 70

Square

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



72, 129, 246



238, 113, 150



83, 175, 56



0, 94, 177

Rectangle

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



72, 129, 246



201, 127, 209



83, 175, 56



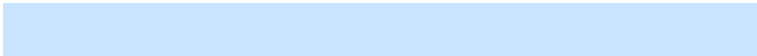
87, 163, 171

Sweetspot

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



72, 129, 246



201, 219, 255



72, 188, 246



96, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



72, 129, 246



38, 109, 255



72, 72, 246



110, 114, 122



0, 61, 186



0, 19, 59

Inverse Universe

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



246, 72, 157



255, 38, 144



72, 246, 72



122, 110, 116



186, 0, 91



59, 0, 29

Previews

White Background



This preview shows how the RYB color 72, 129, 246 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 72, 129, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

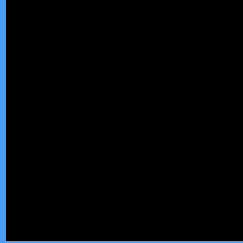
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

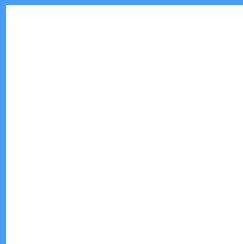
Any Text WCAG AAA ✓ Pass

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

RYB 72, 129, 246 Background



This preview shows how black text looks on a background with the RYB color 72, 129, 246.

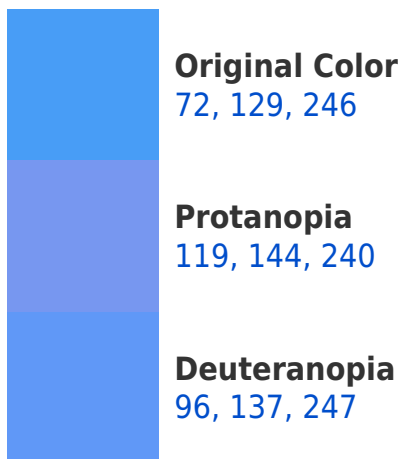


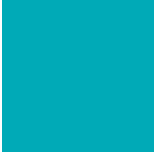
This preview shows how white text looks on a background with the RYB color 72, 129, 246.

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](#).

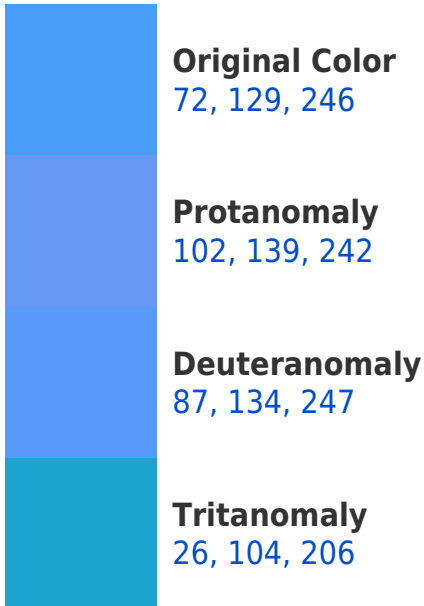
Dichromacy



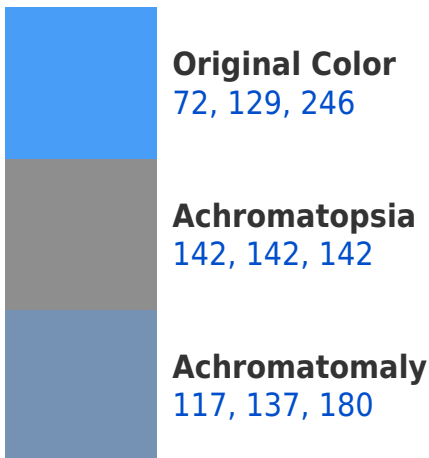


Tritanopia
0, 88, 183

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 72, 129, 246 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(72, 157, 246)` looks like.

```
.text, #text, p{  
    color:rgb(72, 157, 246)  
}
```

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(72, 157, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 157, 246) }
```

Border

The CSS property to change the border of an element to RYB 72, 129, 246 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(72, 157, 246) }
```

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

```
.border{ border-color:rgb(72, 157, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 157, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 157, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 157, 246);  
box-shadow:4px 4px 4px 4px rgb(72, 157,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 72, 129, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 157, 246) }
```

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

```
.background{ background-color: rgb(72, 157,  
246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor