Converting Colors

RGB(72, 146, 240)

Have a look what the booklet for RGB(72, 146, 240) contains.

Color

RGB(72, 146, 240)

Conversions

Conversions Part 1

Format	Color
Hex	4892F0
RGB	72, 146, 240
RGB Percent	28%, 57%, 94%
CMY	0.7176, 0.4275, 0.0588
CMYK	0.70, 0.39, 0.00, 0.06
HSL	214°, 85%, 61%
HSV	214°, 70%, 94%
XYZ	28.6795, 28.2268, 86.3748
YIQ	134.5900, -74.2780, 13.5460

Conversions

Conversions Part 2

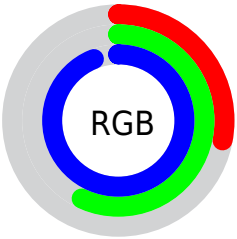
Format	Color
RYB	72, 123, 240
Decimal	4756208
CIELab	60.09, 7.38, -53.95
CIELCh	60, 54.449, 277.785
Yxy	28.2268, 0.2002, 0.1970
Android (android.graphics.Color)	4282946288 (0xFF4892F0)
YUV	134.5900, 51.9671, -54.8914
Hunter-Lab	53.1289, 3.3808, -59.2011

Details

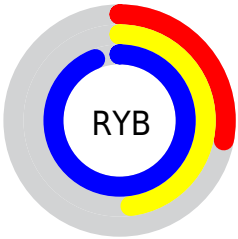
The RGB color 72, 146, 240 is a light color, and the websafe version is hex 3399FF. The color can be described as light washed azure. A complement of this color would be 240, 166, 72, and the grayscale version is 134, 134, 134.

A 20% lighter version of the original color is 138, 199, 255, and 0, 96, 183 is the 20% darker color. If you saturate the color by 10%, you get 48, 133, 240, and if you desaturate by 10%, it is 96, 159, 240.

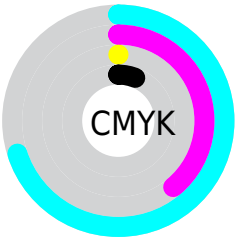
Distribution



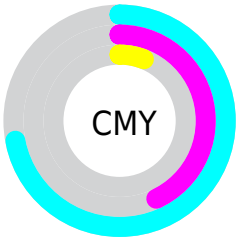
- Red (28%)
- Green (57%)
- Blue (94%)



- Red (28%)
- Yellow (48%)
- Blue (94%)



- Cyan (70%)
- Magenta (39%)
- Yellow (0%)
- Black (6%)



- Cyan (72%)
- Magenta (43%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 72, 146, 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 RGB color 72, 146, 240 by changing the saturation by 10% instead.

72, 146, 240

255, 255, 255

138, 199, 255

169, 227, 255

199, 255, 255

230, 255, 255

72, 146, 240

25, 121, 211

0, 96, 183

0, 73, 156

0, 51, 129

0, 32, 104

0, 5, 79

0, 5, 55

0, 2, 33

0, 0, 6

72, 146, 240

48, 133, 240

24, 119, 240

0, 106, 240

72, 146, 240

96, 159, 240

120, 173, 240

144, 186, 240

168, 200, 240

192, 213, 240

216, 227, 240

240, 240, 240

255, 253, 240

255, 255, 240

Harmonies

Analogous

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

0, 160, 233

72, 146, 240

164, 127, 221

Triad

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

72, 146, 240

226, 111, 89

4, 166, 107

Complementary

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

72, 146, 240

240, 166, 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.

108, 159, 64

72, 146, 240

199, 129, 53

Square

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

72, 146, 240

232, 101, 134

159, 146, 42

0, 168, 156

Rectangle

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

72, 146, 240

200, 114, 197

159, 146, 42

60, 164, 91

Sweetspot

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

72, 146, 240

201, 225, 255

72, 240, 164

96, 110, 128

0, 0, 0

128, 128, 128

Same Dimension

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

72, 146, 240

41, 135, 255

80, 72, 240

108, 113, 120

0, 81, 184

0, 25, 56

Inverse Universe

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

240, 72, 146

255, 41, 135

232, 240, 72

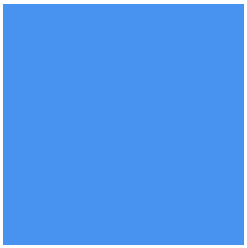
120, 108, 113

184, 0, 81

56, 0, 25

Previews

White Background



This preview shows how the RGB color 72, 146, 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 RGB color 72, 146, 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.

RGB 72, 146, 240 Background

This preview shows how black text looks on a background with the RGB color 72, 146, 240.

This preview shows how white text looks on a background with the RGB color 72, 146, 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

Original Color
72, 146, 240

Protanopia
106, 141, 235

Deuteranopia
79, 145, 240

Tritanopia
0, 160, 173

Trichromacy

Original Color
72, 146, 240

Protanomaly
94, 143, 237

Deuteranomaly
76, 145, 240

Tritanomaly
26, 155, 197

Monochromacy

Original Color
72, 146, 240

Achromatopsia
135, 135, 135

Achromatomaly
112, 139, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 72, 146, 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(72, 146, 240) looks like.

```
.text, #text, p{
    color:rgb(72, 146, 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(72, 146, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 146, 240) }
```

Border

The CSS property to change the border of an element to RGB 72, 146, 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(72, 146, 240) }
```

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

```
.border{ border-color:rgb(72, 146, 240) }
```

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

Here you see how a box with a 4 pixel rgb(72, 146, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(72, 146, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(72, 146, 240); box-shadow:4px 4px 4px 4px rgb(72, 146, 240) }
```

Background

The CSS property to change the background color of an element to RGB 72, 146, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(72, 146, 240) }
```

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

```
.background{ background-color:rgb(72, 146, 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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