

Converting Colors

RGB(36, 121, 234)

Have a look what the booklet for
RGB(36, 121, 234) contains.

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Color

RGB(36, 121, 234)

Conversions

Conversions Part 1

Format	Color
Hex	2479EA
RGB	36, 121, 234
RGB Percent	14%, 47%, 92%
CMY	0.8588, 0.5255, 0.0824
CMYK	0.85, 0.48, 0.00, 0.08
HSL	214°, 82%, 53%
HSV	214°, 85%, 92%
XYZ	22.4162, 19.9903, 80.5190
YIQ	108.4670, -86.9330, 17.1230

Conversions

Conversions Part 2

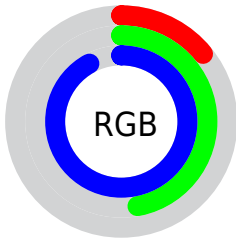
Format	Color
RYB	36, 95, 234
Decimal	2390506
CIELab	51.83, 16.56, -63.92
CIELCh	52, 66.030, 284.529
Yxy	19.9903, 0.1824, 0.1626
Android (android.graphics.Color)	4280580586 (0xFF2479EA)
YUV	108.4670, 61.8878, -63.5536
Hunter-Lab	44.7105, 11.2498, -75.4776

Details

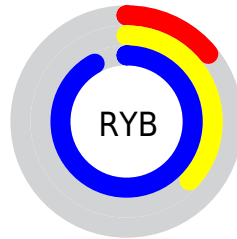
The RGB color **36, 121, 234** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **234, 149, 36**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **116, 173, 255**, and **0, 74, 177** is the 20% darker color. If you saturate the color by 10%, you get **13, 108, 234**, and if you desaturate by 10%, it is **59, 134, 234**.

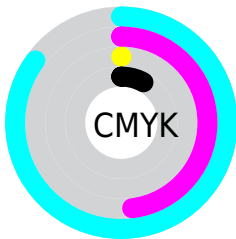
Distribution



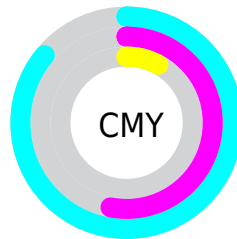
- Red (14%)
- Green (47%)
- Blue (92%)



- Red (14%)
- Yellow (37%)
- Blue (92%)



- Cyan (85%)
- Magenta (48%)
- Yellow (0%)
- Black (8%)




















- Cyan (86%)
- Magenta (53%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 36, 121, 234 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 36, 121, 234 by changing the saturation by 10% instead.

 36, 121, 234	 36, 121, 234
 255, 255, 255	 0, 97, 205
 116, 173, 255	 0, 74, 177
 148, 200, 255	 0, 52, 150
 180, 228, 255	 0, 33, 123
 211, 255, 255	 0, 9, 98
 242, 255, 255	 0, 9, 73
	 0, 4, 50
	 0, 1, 28
	 0, 0, 0

■ 36, 121, 234

■ 36, 121, 234

■ 13, 108, 234

■ 59, 134, 234

■ 0, 100, 234

■ 83, 148, 234

■ 106, 161, 234

■ 130, 174, 234

■ 153, 188, 234

■ 176, 201, 234

■ 200, 214, 234

■ 223, 228, 234

■ 247, 241, 234

Harmonies

Analogous

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



0, 138, 233



36, 121, 234



160, 95, 205

Triad

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



36, 121, 234



208, 84, 45



0, 147, 91

Complementary

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



36, 121, 234



234, 149, 36

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.



54, 141, 32



36, 121, 234



173, 110, 0

Square

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



36, 121, 234



223, 62, 99



123, 129, 0



0, 149, 150

Rectangle

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



36, 121, 234



197, 75, 173



123, 129, 0



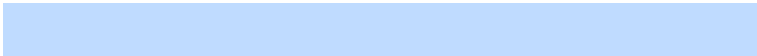
0, 146, 72

Sweetspot

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



36, 121, 234



191, 219, 255



36, 234, 148



89, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



36, 121, 234



0, 109, 255



49, 36, 234



106, 111, 117



0, 78, 181



0, 23, 54

Inverse Universe

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



234, 36, 121



255, 0, 109



221, 234, 36



117, 106, 111



181, 0, 78



54, 0, 23

Previews

White Background



This preview shows how the RGB color 36, 121, 234 looks on a white background.

Color Contrast Check

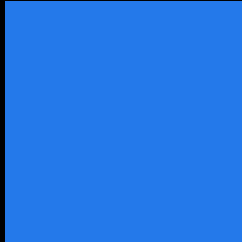
Large Text (above 18pt) WCAG AA ✓ Pass

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 36, 121, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

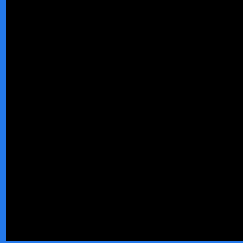
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

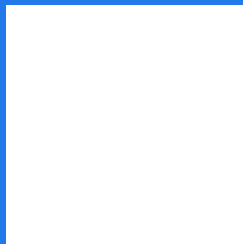
Any Text WCAG AAA × Fail

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

RGB 36, 121, 234 Background



This preview shows how black text looks on a background with the RGB color 36, 121, 234.

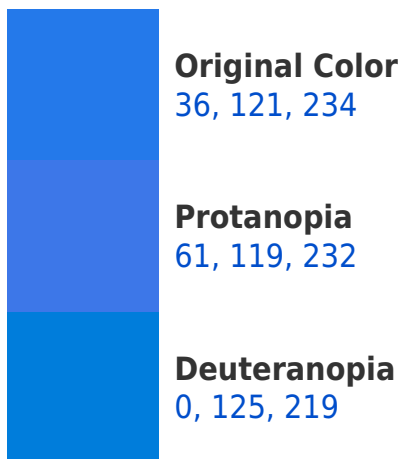


This preview shows how white text looks on a background with the RGB color 36, 121, 234.

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, 136, 146

Trichromacy



Original Color
36, 121, 234

Protanomaly
52, 120, 233

Deuteranomaly
13, 124, 224

Tritanomaly
13, 131, 178

Monochromacy



Original Color
36, 121, 234

Achromatopsia
108, 108, 108

Achromatomaly
82, 113, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 36, 121, 234 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(36, 121, 234)` looks like.

```
.text, #text, p{  
    color:rgb(36, 121, 234)  
}
```

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(36, 121, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 121, 234) }
```

Border

The CSS property to change the border of an element to RGB 36, 121, 234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

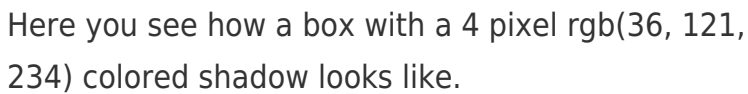
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(36, 121, 234) }
```

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

```
.border{ border-color:rgb(36, 121, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(36, 121, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 121, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 121, 234);  
box-shadow:4px 4px 4px 4px rgb(36, 121,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 36, 121, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 121, 234) }
```

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

```
.background{ background-color: rgb(36, 121,  
234) }
```

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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