

Converting Colors

Decimal(33011)

Have a look what the booklet for
Decimal(33011) contains.

Decimal(33011)	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

Decimal(33011)

Conversions

Conversions Part 1

Format	Color
Hex	0080F3
RGB	0, 128, 243
RGB Percent	0%, 50%, 95%
CMY	1.0000, 0.4980, 0.0471
CMYK	1.00, 0.47, 0.00, 0.05
HSL	208°, 100%, 48%
HSV	208°, 100%, 95%
XYZ	23.8968, 21.9094, 87.7635
YIQ	102.8380, -113.2030, 8.6290

Conversions

Conversions Part 2

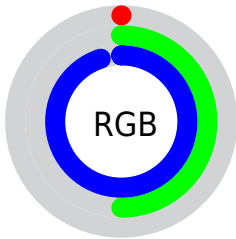
Format	Color
R_{YB}	0, 84, 243
Decimal	33011
CIE _{Lab}	53.93, 14.15, -65.56
CIE _{LCh}	54, 67.069, 282.180
Yxy	21.9094, 0.1789, 0.1640
Android (android.graphics.Color)	4278223091 (0xFF0080F3)
YUV	102.8380, 69.0999, -90.1889
Hunter-Lab	46.8075, 9.2173, -78.4028

Details

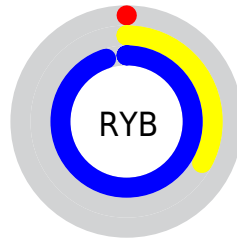
The Decimal color **33011** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **15954688**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **7189759**, and **20666** is the 20% darker color. If you saturate the color by 10%, you get **33011**, and if you desaturate by 10%, it is **1608947**.

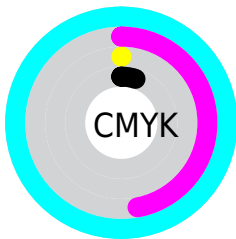
Distribution



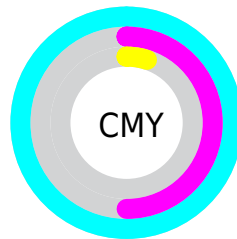
- Red (0%)
- Green (50%)
- Blue (95%)



- Red (0%)
- Yellow (33%)
- Blue (95%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)




















- Cyan (100%)
- Magenta (50%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33011 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 Decimal color 33011 by changing the saturation by 10% instead.

 33011	 33011
 16777215	 26582
 7189759	 20666
 9424895	 15006
 11529215	 9860
 13631487	 4970
 15663103	 2897
	 1337
	 546
	 8

■ 33011

■ 1608947

■ 3250163

■ 4826099

■ 6401779

■ 7977715

■ 9618931

■ 11194611

■ 12770547

■ 14411763

Harmonies

Analogous

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



37359



33011



10512087

Triad

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



33011



14309173



39259

Complementary

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



33011



15954688

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.



4362783



33011



12022016

Square

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



33011



15155564



8750592



39832

Rectangle

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



33011



13193912



8750592



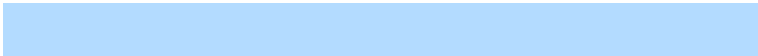
38727

Sweetspot

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



33011



11787263



62321



5401216



0



8421504

Same Dimension

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



33011



34559



2291



7239034



25274



7995

Inverse Universe

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



15925376



16711814



15985408



8023669



12189794



3866655

Previews

White Background



This preview shows how the Decimal color 33011 looks on a white background.

Color Contrast Check

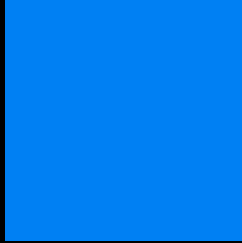
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 33011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

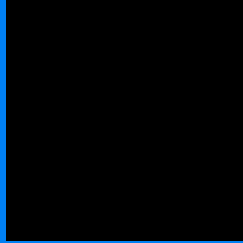
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

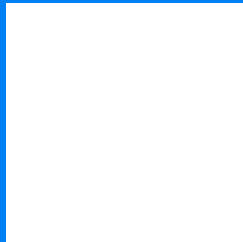
Any Text WCAG AAA × Fail

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

Decimal 33011 Background



This preview shows how black text looks on a background with the Decimal color 33011.



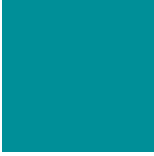
This preview shows how white text looks on a background with the Decimal color 33011.

Color Blindness Simulation

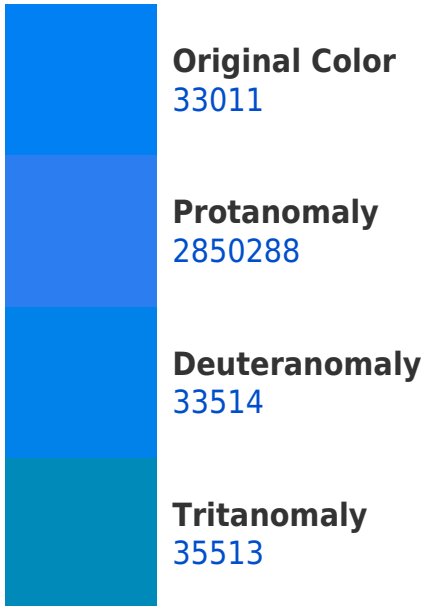
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

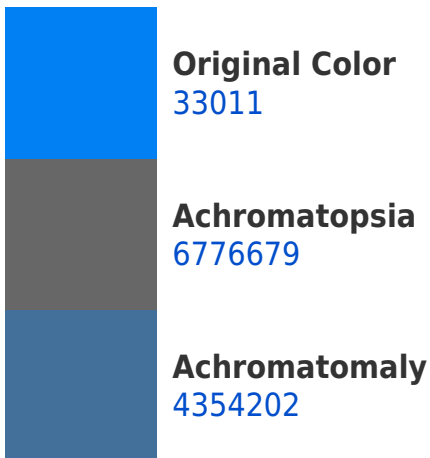




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 33011 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 #0080F3 looks like.

```
.text, #text, p{  
    color:#0080F3  
}
```

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 #0080F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0080F3
}
```

Border

The CSS property to change the border of an element to Decimal 33011 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
#0080F3 }
```

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

```
.border{ border-color:#0080F3 }
```

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

Here you see how a box with a 4 pixel #0080F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0080F3; -webkit-box-shadow:4px 4px  
4px 4px #0080F3; box-shadow:4px 4px 4px  
4px #0080F3 }
```

Background

The CSS property to change the background color of an element to Decimal 33011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0080F3 }
```

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

```
.background{ background-color:#0080F3 }
```

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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