

Converting Colors

Decimal(30206)

Have a look what the booklet for
Decimal(30206) contains.

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Color

Decimal(30206)

Conversions

Conversions Part 1

Format	Color
Hex	0075FE
RGB	0, 117, 254
RGB Percent	0%, 46%, 100%
CMY	1.0000, 0.5412, 0.0039
CMYK	1.00, 0.54, 0.00, 0.00
HSL	212°, 100%, 50%
HSV	212°, 100%, 100%
XYZ	24.2507, 19.8783, 96.3247
YIQ	97.6350, -113.7090, 17.8030

Conversions

Conversions Part 2

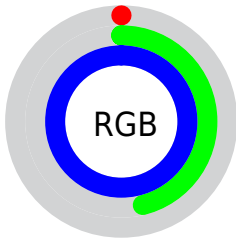
Format	Color
R _{YB}	0, 80, 254
Decimal	30206
CIE Lab	51.70, 25.32, -75.27
CIE LCh	52, 79.416, 288.591
Yxy	19.8783, 0.1727, 0.1415
Android (android.graphics.Color)	4278220286 (0xFF0075FE)
YUV	97.6350, 77.0879, -85.6259
Hunter-Lab	44.5851, 19.0655, -96.8845

Details

The Decimal color **30206** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **16681216**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **7448831**, and **18116** is the 20% darker color. If you saturate the color by 10%, you get **30206**, and if you desaturate by 10%, it is **1672190**.

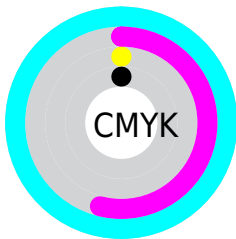
Distribution



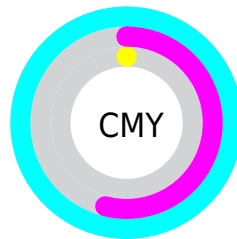
- Red (0%)
- Green (46%)
- Blue (100%)



- Red (0%)
- Yellow (31%)
- Blue (100%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)




















- Cyan (100%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 30206 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 30206 by changing the saturation by 10% instead.

 30206	 30206
 16777215	 24033
 7448831	 18116
 9683967	 12712
 11853823	 8077
 13958143	 2163
 16056319	 3417
	 1857
	 810
	 276

■ 30206

■ 1672190

■ 3379454

■ 5021438

■ 6728958

■ 8370942

■ 10012670

■ 11720190

■ 13362174

■ 15069438

Harmonies

Analogous

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



35839



30206



11555030

Triad

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



30206



14175244



38494

Complementary

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



30206



16681216

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.



37129



30206



11235072

Square

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



30206



15670869



7243008



39077

Rectangle

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



30206



14168238



7243008



38214

Sweetspot

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



30206



11785983



65159



5400448



0



8421504

Same Dimension

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



30206



30207



524542



7567744



22719



7488

Inverse Universe

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



16646261



16711797



16186880



8418169



12517464



4194333

Previews

White Background



This preview shows how the Decimal color 30206 looks on a white background.

Color Contrast Check

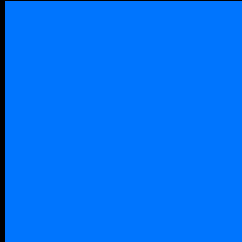
Large Text (above 18pt) WCAG AA ✓ Pass

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 30206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

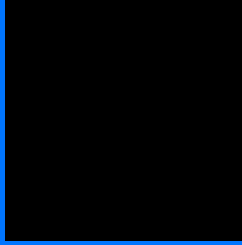
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

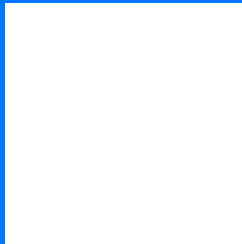
Any Text WCAG AAA × Fail

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

Decimal 30206 Background



This preview shows how black text looks on a background with the Decimal color 30206.

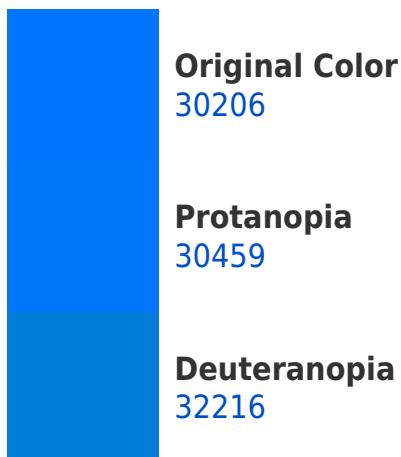


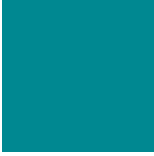
This preview shows how white text looks on a background with the Decimal color 30206.

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](#).

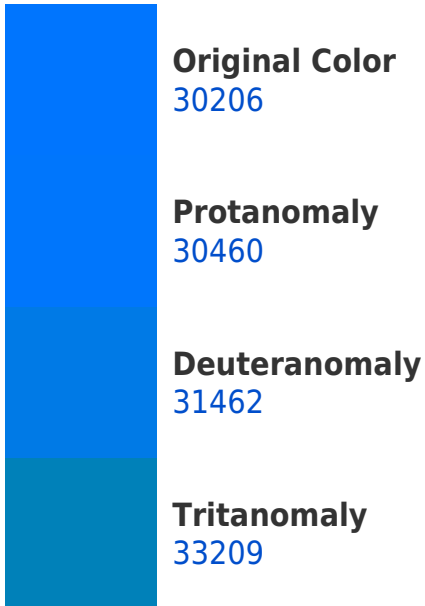
Dichromacy





Tritanopia
34961

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 30206 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 #0075FE looks like.

```
.text, #text, p{  
    color:#0075FE  
}
```

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 #0075FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075FE
}
```

Border

The CSS property to change the border of an element to Decimal 30206 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
#0075FE }
```

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

```
.border{ border-color:#0075FE }
```

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

Here you see how a box with a 4 pixel #0075FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075FE; -webkit-box-shadow:4px 4px  
4px 4px #0075FE; box-shadow:4px 4px 4px  
4px #0075FE }
```

Background

The CSS property to change the background color of an element to Decimal 30206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075FE }
```

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

```
.background{ background-color:#0075FE }
```

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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