

Converting Colors

Decimal(27386)

Have a look what the booklet for
Decimal(27386) contains.

Decimal(27386)	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(27386)

Conversions

Conversions Part 1

Format	Color
Hex	006AFA
RGB	0, 106, 250
RGB Percent	0%, 42%, 98%
CMY	1.0000, 0.5843, 0.0196
CMYK	1.00, 0.58, 0.00, 0.02
HSL	215°, 100%, 49%
HSV	215°, 100%, 98%
XYZ	22.4094, 17.2102, 92.5833
YIQ	90.7220, -109.4000, 22.3120

Conversions

Conversions Part 2

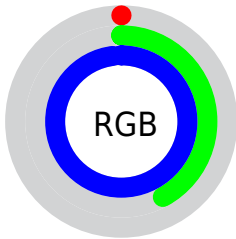
Format	Color
RYB	0, 74, 250
Decimal	27386
CIELab	48.52, 30.77, -78.23
CIELCh	49, 84.061, 291.470
Yxy	17.2102, 0.1695, 0.1302
Android (android.graphics.Color)	4278217466 (0xFF006AFA)
YUV	90.7220, 78.5241, -79.5632
Hunter-Lab	41.4852, 23.8226, -103.2790

Details

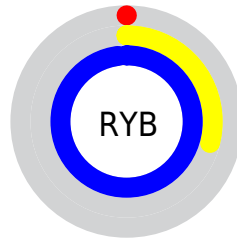
The Decimal color **27386** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **16420864**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **7380223**, and **15552** is the 20% darker color. If you saturate the color by 10%, you get **27386**, and if you desaturate by 10%, it is **1669370**.

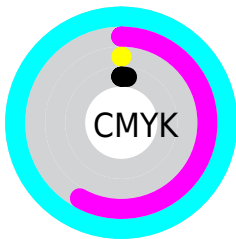
Distribution



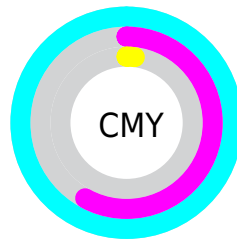
- Red (0%)
- Green (42%)
- Blue (98%)



- Red (0%)
- Yellow (29%)
- Blue (98%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (2%)




















- Cyan (100%)
- Magenta (58%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27386 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 27386 by changing the saturation by 10% instead.

 27386	 27386
 16777215	 21213
 7380223	 15552
 9615359	 10404
 11785215	 6281
 13889535	 367
 15990783	 3157
	 1597
	 806
	 271

■ 27386

■ 1669370

■ 3311610

■ 4953594

■ 6595834

■ 8237818

■ 9879802

■ 11522042

■ 13164026

■ 14806266

Harmonies

Analogous

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



33791



27386



11615949

Triad

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



27386



13517824



36700

Complementary

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



27386



16420864

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.



35328



27386



10381568

Square

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



27386



15269957



6061824



37030

Rectangle

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



27386



14155938



6061824



36418

Sweetspot

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



27386



11785215



64142



5399936



0



8421504

Same Dimension

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



27386



27903



1114362



7370365



20669



6717

Inverse Universe

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



16384106



16711788



15333888



8220790



12386384



3997722

Previews

White Background



This preview shows how the Decimal color 27386 looks on a white background.

Color Contrast Check

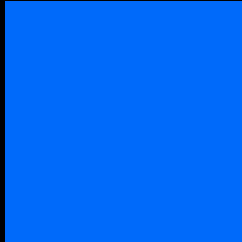
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 27386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

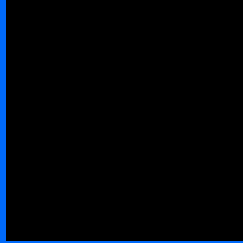
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

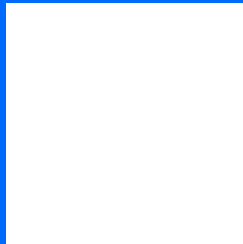
Any Text WCAG AAA × Fail

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

Decimal 27386 Background



This preview shows how black text looks on a background with the Decimal color 27386.



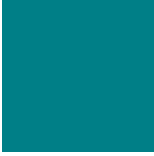
This preview shows how white text looks on a background with the Decimal color 27386.

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](#).

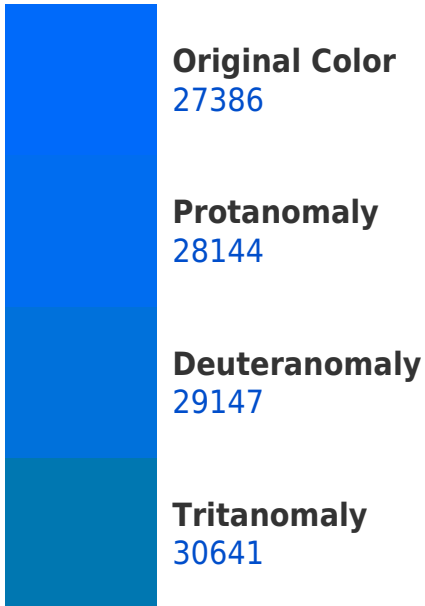
Dichromacy





Tritanopia
32647

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 27386 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 #006AFA looks like.

```
.text, #text, p{  
    color:#006AFA  
}
```

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 #006AFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006AFA
}
```

Border

The CSS property to change the border of an element to Decimal 27386 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
#006AFA }
```

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

```
.border{ border-color:#006AFA }
```

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

Here you see how a box with a 4 pixel #006AFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006AFA; -webkit-box-shadow:4px 4px  
4px 4px #006AFA; box-shadow:4px 4px 4px  
4px #006AFA }
```

Background

The CSS property to change the background color of an element to Decimal 27386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006AFA }
```

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

```
.background{ background-color:#006AFA }
```

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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