

Converting Colors

Decimal(28655)

Have a look what the booklet for
Decimal(28655) contains.

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Color

Decimal(28655)

Conversions

Conversions Part 1

Format	Color
Hex	006FEF
RGB	0, 111, 239
RGB Percent	0%, 44%, 94%
CMY	1.0000, 0.5647, 0.0627
CMYK	1.00, 0.54, 0.00, 0.06
HSL	212°, 100%, 47%
HSV	212°, 100%, 94%
XYZ	21.2644, 17.6009, 83.9379
YIQ	92.4030, -107.2440, 16.2760

Conversions

Conversions Part 2

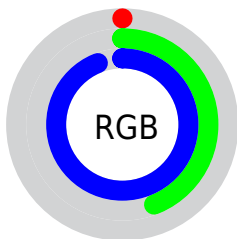
Format	Color
R _Y B	0, 76, 239
Decimal	28655
CIE Lab	49.01, 23.33, -71.30
CIE LCh	49, 75.020, 288.116
Yxy	17.6009, 0.1732, 0.1433
Android (android.graphics.Color)	4278218735 (0xFF006FEF)
YUV	92.4030, 72.2723, -81.0374
Hunter-Lab	41.9534, 17.0558, -89.2566

Details

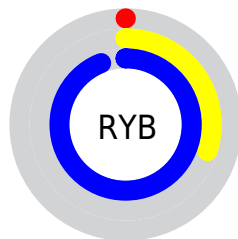
The Decimal color **28655** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **15695872**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **7185151**, and **16822** is the 20% darker color. If you saturate the color by 10%, you get **28655**, and if you desaturate by 10%, it is **1604847**.

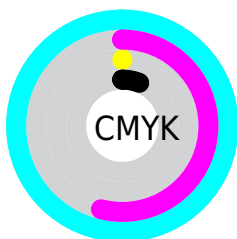
Distribution



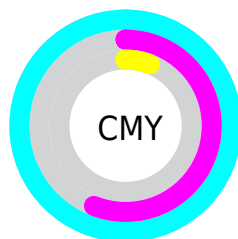
- Red (0%)
- Green (44%)
- Blue (94%)



- Red (0%)
- Yellow (30%)
- Blue (94%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (6%)




















- Cyan (100%)
- Magenta (56%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 28655 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 28655 by changing the saturation by 10% instead.

 28655	 28655
 16777215	 22482
 7185151	 16822
 9354751	 11418
 11458815	 7040
 13563135	 614
 15663103	 2637
	 1333
	 543
	 2

■ 28655

■ 1604847

■ 3181039

■ 4756975

■ 6333167

■ 7843823

■ 9420015

■ 10996207

■ 12572143

■ 14148335

Harmonies

Analogous

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



34034



28655



10833354

Triad

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



28655



13387791



36440

Complementary

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



28655



15695872

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.



35082



28655



10643712

Square

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



28655



14753873



6913280



37018

Rectangle

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



28655



13316517



6913280



36162

Sweetspot

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



28655



11785983



61311



5400448



0



8421504

Same Dimension

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



28655



30463



524527



7106936



21944



6712

Inverse Universe

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



15663215



16711798



15200000



7892081



12058709



3670042

Previews

White Background



This preview shows how the Decimal color 28655 looks on a white background.

Color Contrast Check

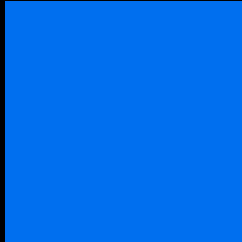
Large Text (above 18pt) WCAG AA ✓ Pass

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 28655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

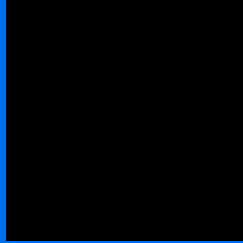
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

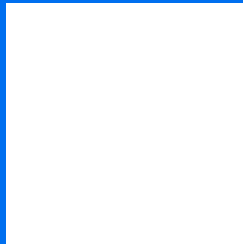
Any Text WCAG AAA × Fail

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

Decimal 28655 Background



This preview shows how black text looks on a background with the Decimal color 28655.



This preview shows how white text looks on a background with the Decimal color 28655.

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
28655

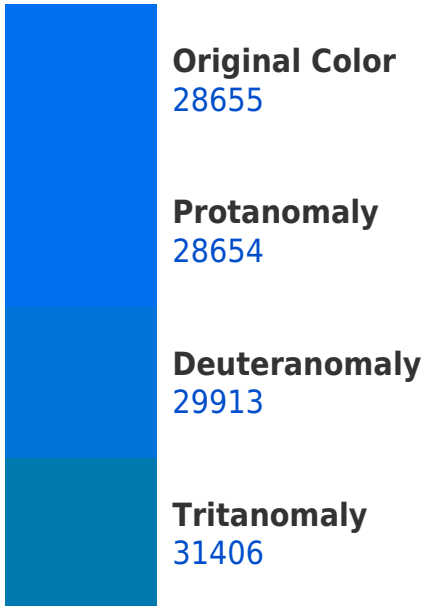
Protanopia
28653

Deuteranopia
30669



Tritanopia
33161

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 28655 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 #006FEF looks like.

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

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 #006FEF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 28655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

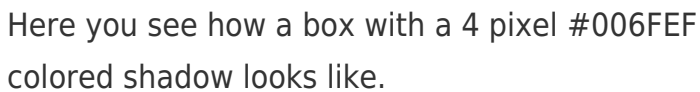
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#006FEF }
```

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

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

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



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

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

Background

The CSS property to change the background color of an element to Decimal 28655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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