

Converting Colors

Decimal(27370)

Have a look what the booklet for
Decimal(27370) contains.

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Color

Decimal(27370)

Conversions

Conversions Part 1

Format	Color
Hex	006AEA
RGB	0, 106, 234
RGB Percent	0%, 42%, 92%
CMY	1.0000, 0.5843, 0.0824
CMYK	1.00, 0.55, 0.00, 0.08
HSL	213°, 100%, 46%
HSV	213°, 100%, 92%
XYZ	20.0053, 16.2486, 79.9238
YIQ	88.8980, -104.2640, 17.3360

Conversions

Conversions Part 2

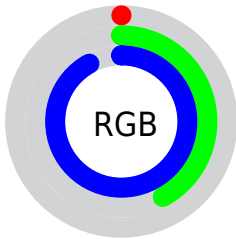
Format	Color
RYB	0, 73, 234
Decimal	27370
CIELab	47.30, 24.58, -71.28
CIELCh	47, 75.397, 289.028
Yxy	16.2486, 0.1722, 0.1399
Android (android.graphics.Color)	4278217450 (0xFF006AEA)
YUV	88.8980, 71.5353, -77.9635
Hunter-Lab	40.3095, 18.0465, -89.3407

Details

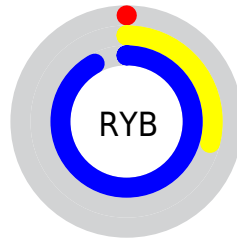
The Decimal color **27370** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **15368192**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **7118079**, and **15537** is the 20% darker color. If you saturate the color by 10%, you get **27370**, and if you desaturate by 10%, it is **1538026**.

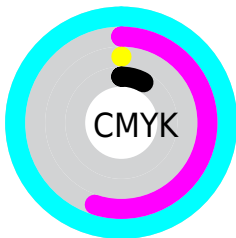
Distribution



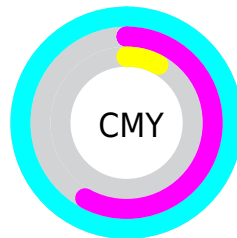
- Red (0%)
- Green (42%)
- Blue (92%)



- Red (0%)
- Yellow (29%)
- Blue (92%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (8%)

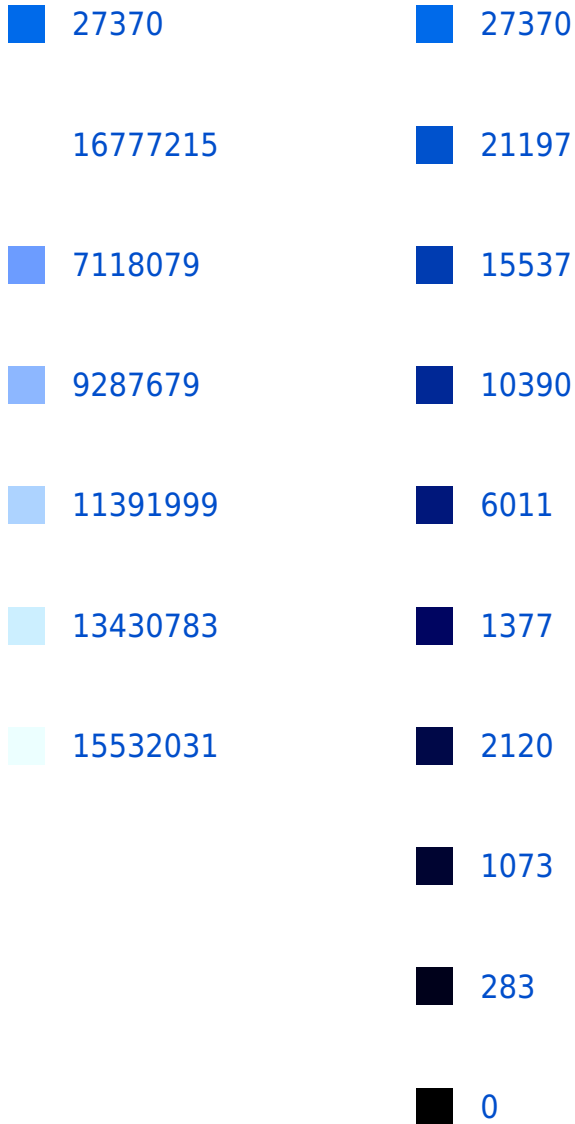


- Cyan (100%)
- Magenta (58%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27370 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 27370 by changing the saturation by 10% instead.



■ 27370

■ 1538026

■ 3114218

■ 4624618

■ 6200810

■ 7711466

■ 9222122

■ 10798314

■ 12308714

■ 13884906

Harmonies

Analogous

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



32750



27370



10635205

Triad

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



27370



12993797



35158

Complementary

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



27370



15368192

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.



33798



27370



10249472

Square

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



27370



14423627



6519040



35736

Rectangle

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



27370



13117599



6519040



34879

Sweetspot

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



27370



11785727



60029



5400192



0



8421504

Same Dimension

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



27370



29951



524522



6975349



21173



6198

Inverse Universe

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



15335530



16711796



14871040



7694959



11862098



3538968

Previews

White Background



This preview shows how the Decimal color 27370 looks on a white background.

Color Contrast Check

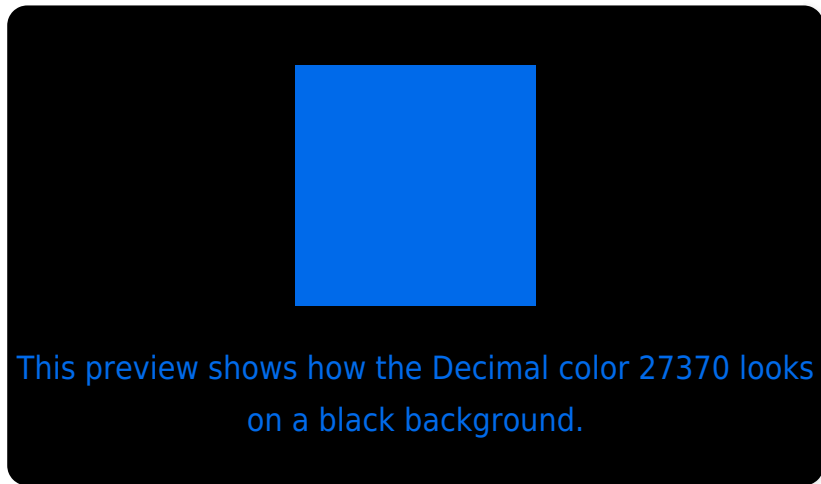
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

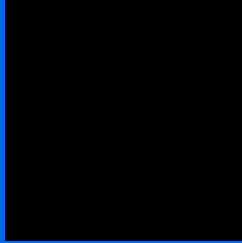
Any Text WCAG AA × Fail

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 27370 Background



This preview shows how black text looks on a background with the Decimal color 27370.

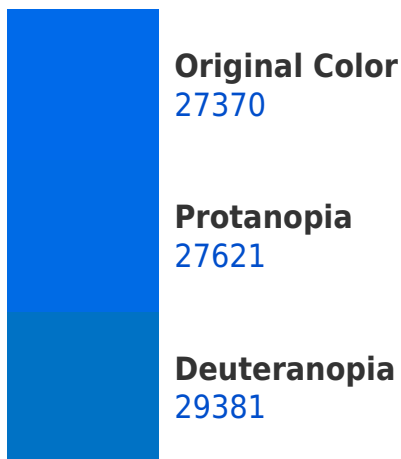


This preview shows how white text looks on a background with the Decimal color 27370.

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](#).

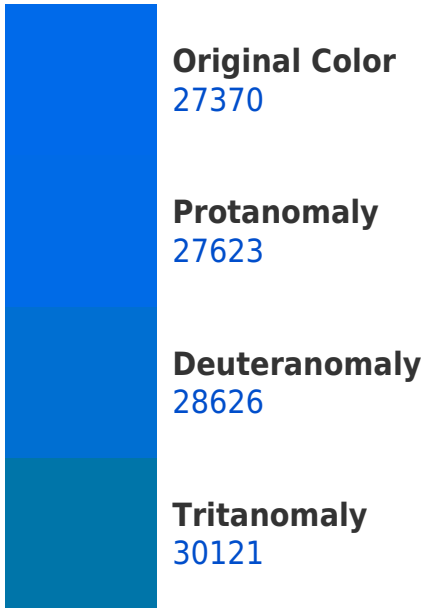
Dichromacy





Tritanopia
31876

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 27370 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 #006AEA looks like.

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

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 #006AEA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 27370 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
#006AEA }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 27370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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