

Converting Colors

Decimal(27635)

Have a look what the booklet for
Decimal(27635) contains.

Decimal(27635)	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(27635)

Conversions

Conversions Part 1

Format	Color
Hex	006BF3
RGB	0, 107, 243
RGB Percent	0%, 42%, 95%
CMY	1.0000, 0.5804, 0.0471
CMYK	1.00, 0.56, 0.00, 0.05
HSL	214°, 100%, 48%
HSV	214°, 100%, 95%
XYZ	21.4354, 16.9865, 86.9430
YIQ	90.5110, -107.4280, 19.6120

Conversions

Conversions Part 2

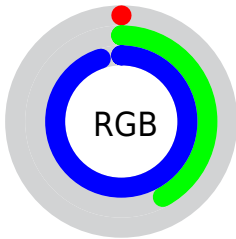
Format	Color
RYB	0, 74, 243
Decimal	27635
CIELab	48.24, 27.44, -74.78
CIELCh	48, 79.658, 290.147
Yxy	16.9865, 0.1710, 0.1355
Android (android.graphics.Color)	4278217715 (0xFF006BF3)
YUV	90.5110, 75.1771, -79.3781
Hunter-Lab	41.2146, 20.7106, -96.2230

Details

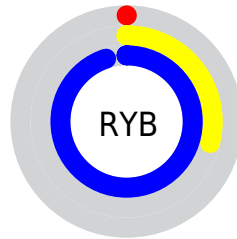
The Decimal color **27635** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **15960064**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **7249663**, and **15802** is the 20% darker color. If you saturate the color by 10%, you get **27635**, and if you desaturate by 10%, it is **1604083**.

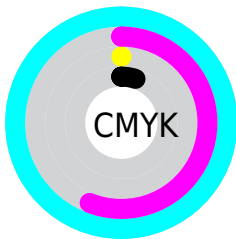
Distribution



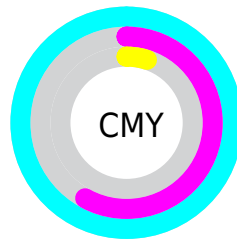
- Red (0%)
- Green (42%)
- Blue (95%)



- Red (0%)
- Yellow (29%)
- Blue (95%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (5%)




















- Cyan (100%)
- Magenta (58%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27635 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 27635 by changing the saturation by 10% instead.

 27635	 27635
 16777215	 21462
 7249663	 15802
 9484543	 10654
 11588863	 6275
 13693183	 873
 15794175	 2640
	 1336
	 545
	 7

■ 27635

■ 1604083

■ 3245811

■ 4822259

■ 6398451

■ 7974899

■ 9616883

■ 11193075

■ 12769523

■ 14411251

Harmonies

Analogous

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



33529



27635



11158730

Triad

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



27635



13321472



36185

Complementary

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



27635



15960064

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.



34817



27635



10381312

Square

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



27635



14878025



6388992



36767

Rectangle

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



27635



13704610



6388992



35905

Sweetspot

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



27635



11785471



62342



5400192



0



8421504

Same Dimension

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



27635



28927



786675



7238778



21178



6715

Inverse Universe

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



15925355



16711792



15201024



8023668



12189778



3866650

Previews

White Background



This preview shows how the Decimal color 27635 looks on a white background.

Color Contrast Check

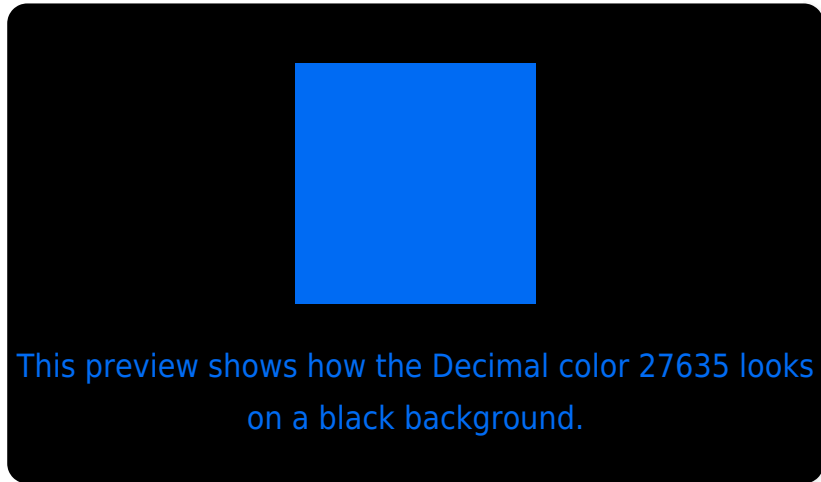
Large Text (above 18pt) WCAG AA ✓ Pass

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

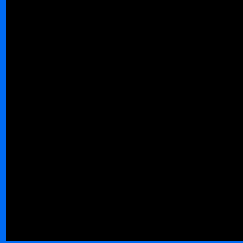
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

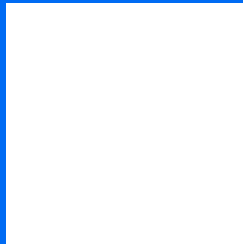
Any Text WCAG AAA × Fail

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

Decimal 27635 Background



This preview shows how black text looks on a background with the Decimal color 27635.



This preview shows how white text looks on a background with the Decimal color 27635.

Color Blindness Simulation

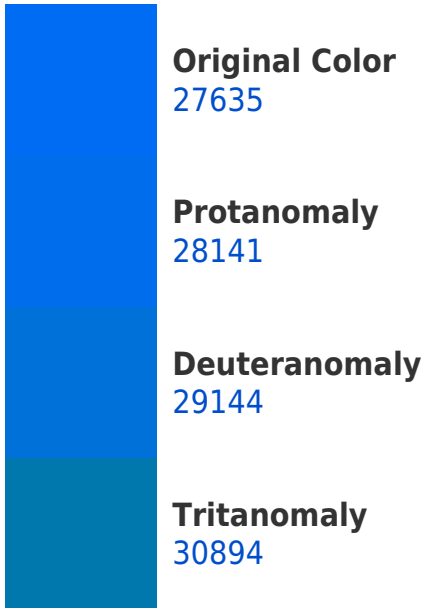
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

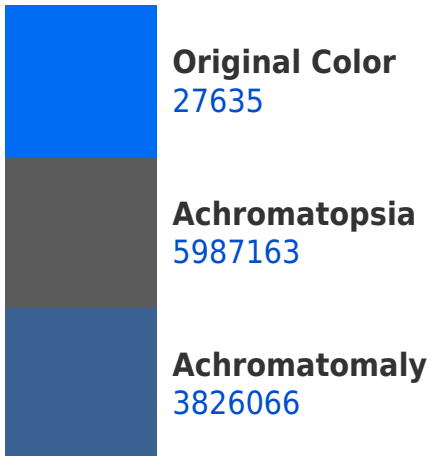




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 27635 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 #006BF3 looks like.

```
.text, #text, p{  
    color:#006BF3  
}
```

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 #006BF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006BF3
}
```

Border

The CSS property to change the border of an element to Decimal 27635 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
#006BF3 }
```

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

```
.border{ border-color:#006BF3 }
```

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

Here you see how a box with a 4 pixel #006BF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006BF3; -webkit-box-shadow:4px 4px  
4px 4px #006BF3; box-shadow:4px 4px 4px  
4px #006BF3 }
```

Background

The CSS property to change the background color of an element to Decimal 27635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006BF3 }
```

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

```
.background{ background-color:#006BF3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor