

Converting Colors

Decimal(29685)

Have a look what the booklet for
Decimal(29685) contains.

Decimal(29685)	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(29685)

Conversions

Conversions Part 1

Format	Color
Hex	0073F5
RGB	0, 115, 245
RGB Percent	0%, 45%, 96%
CMY	1.0000, 0.5490, 0.0392
CMYK	1.00, 0.53, 0.00, 0.04
HSL	212°, 100%, 48%
HSV	212°, 100%, 96%
XYZ	22.6122, 18.8540, 88.8336
YIQ	95.4350, -110.2700, 16.0500

Conversions

Conversions Part 2

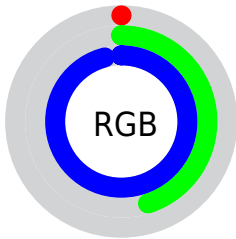
Format	Color
RYB	0, 78, 245
Decimal	29685
CIELab	50.52, 23.11, -72.20
CIELCh	51, 75.808, 287.749
Yxy	18.8540, 0.1735, 0.1447
Android (android.graphics.Color)	4278219765 (0xFF0073F5)
YUV	95.4350, 73.7355, -83.6965
Hunter-Lab	43.4212, 16.9690, -90.9039

Details

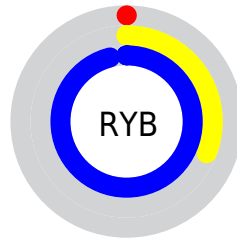
The Decimal color **29685** is a dark color, and the websafe version is hex **006FF**. The color can be described as dark saturated azure. A complement of this color would be **16089600**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **7251711**, and **17596** is the 20% darker color. If you saturate the color by 10%, you get **29685**, and if you desaturate by 10%, it is **1605877**.

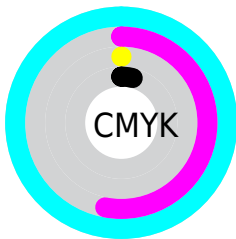
Distribution



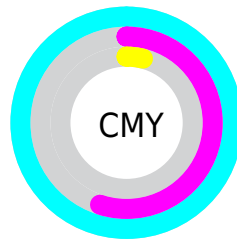
- Red (0%)
- Green (45%)
- Blue (96%)



- Red (0%)
- Yellow (31%)
- Blue (96%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (4%)




















- Cyan (100%)
- Magenta (55%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 29685 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 29685 by changing the saturation by 10% instead.

 29685	 29685
 16777215	 23512
 7251711	 17596
 9486847	 12448
 11591167	 7557
 13695487	 875
 15794175	 2898
	 1338
	 547
	 10

■ 29685

■ 1605877

■ 3247605

■ 4889333

■ 6465525

■ 8107253

■ 9683445

■ 11259637

■ 12901365

■ 14543093

Harmonies

Analogous

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



35064



29685



11096528

Triad

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



29685



13781779



37467

Complementary

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



29685



16089600

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.



36109



29685



11037696

Square

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



29685



15148117



7241984



38046

Rectangle

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



29685



13645227



7241984



37188

Sweetspot

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



29685



11785983



62847



5400448



0



8421504

Same Dimension

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



29685



30975



262389



7238778



22458



7227

Inverse Universe

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



16056435



16711800



15856896



8023668



12189783



3866652

Previews

White Background



This preview shows how the Decimal color 29685 looks on a white background.

Color Contrast Check

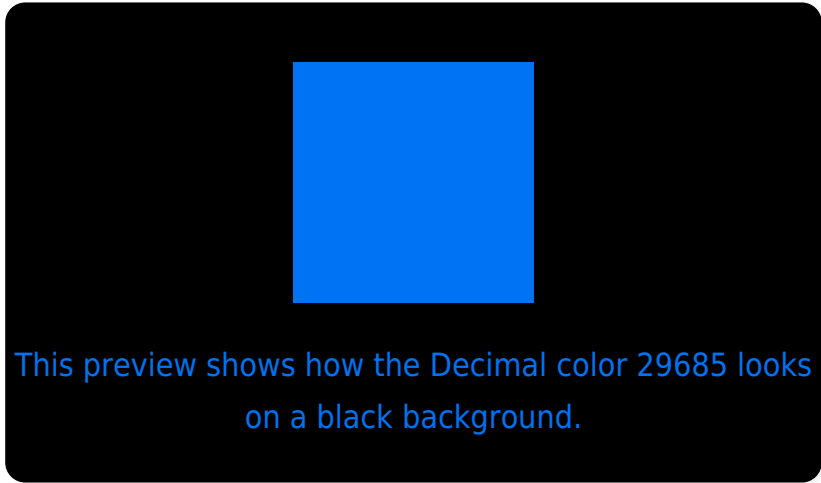
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

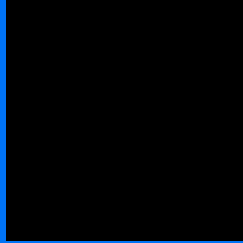
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

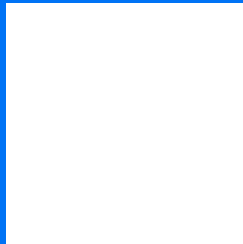
Any Text WCAG AAA × Fail

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

Decimal 29685 Background



This preview shows how black text looks on a background with the Decimal color 29685.

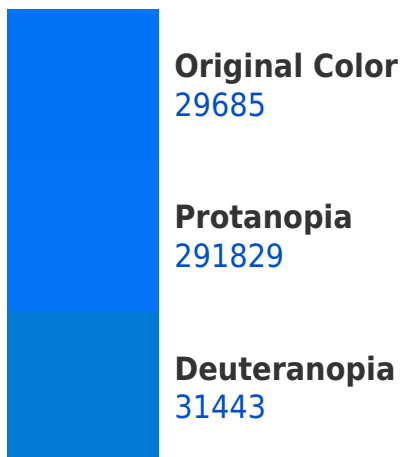


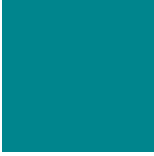
This preview shows how white text looks on a background with the Decimal color 29685.

Color Blindness Simulation

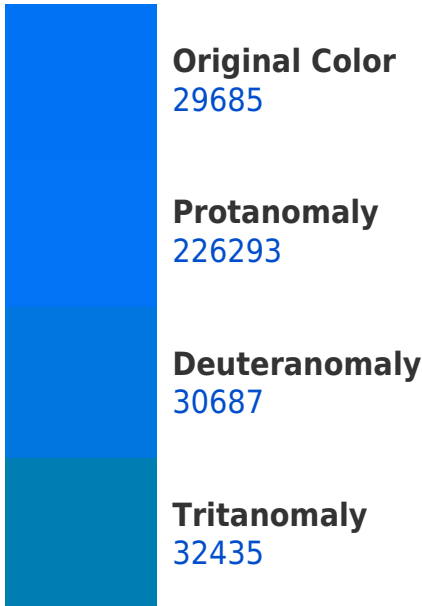
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 29685 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 #0073F5 looks like.

```
.text, #text, p{  
    color:#0073F5  
}
```

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 #0073F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0073F5
}
```

Border

The CSS property to change the border of an element to Decimal 29685 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
#0073F5 }
```

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

```
.border{ border-color:#0073F5 }
```

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

Here you see how a box with a 4 pixel #0073F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0073F5; -webkit-box-shadow:4px 4px  
4px 4px #0073F5; box-shadow:4px 4px 4px  
4px #0073F5 }
```

Background

The CSS property to change the background color of an element to Decimal 29685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0073F5 }
```

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

```
.background{ background-color:#0073F5 }
```

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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