

Converting Colors

Decimal(24816)

Have a look what the booklet for
Decimal(24816) contains.

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Color

Decimal(24816)

Conversions

Conversions Part 1

Format	Color
Hex	0060F0
RGB	0, 96, 240
RGB Percent	0%, 38%, 94%
CMY	1.0000, 0.6235, 0.0588
CMYK	1.00, 0.60, 0.00, 0.06
HSL	216°, 100%, 47%
HSV	216°, 100%, 94%
XYZ	19.9110, 14.6570, 84.2177
YIQ	83.7120, -103.4400, 24.4320

Conversions

Conversions Part 2

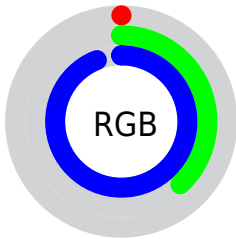
Format	Color
RYB	0, 69, 240
Decimal	24816
CIELab	45.16, 33.33, -78.14
CIELCh	45, 84.950, 293.100
Yxy	14.6570, 0.1676, 0.1234
Android (android.graphics.Color)	4278214896 (0xFF0060F0)
YUV	83.7120, 77.0500, -73.4154
Hunter-Lab	38.2845, 25.8367, -103.6263

Details

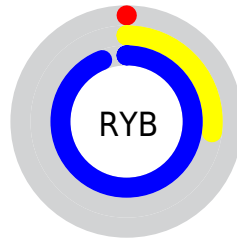
The Decimal color **24816** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **15765504**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **7246591**, and **13239** is the 20% darker color. If you saturate the color by 10%, you get **24816**, and if you desaturate by 10%, it is **1601264**.

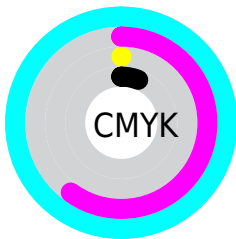
Distribution



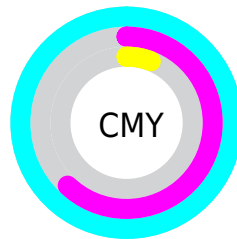
- Red (0%)
- Green (38%)
- Blue (94%)



- Red (0%)
- Yellow (27%)
- Blue (94%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (6%)




















- Cyan (100%)
- Magenta (62%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 24816 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 24816 by changing the saturation by 10% instead.

 24816	 24816
 16777215	 18899
 7246591	 13239
 9481471	 8347
 11585535	 4224
 13689855	 1894
 15794175	 2637
	 1333
	 543
	 2

■ 24816

■ 1601264

■ 3177968

■ 4754416

■ 6331120

■ 7907568

■ 9484016

■ 11060720

■ 12637168

■ 14213872

Harmonies

Analogous

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



31483



24816



11284418

Triad

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



24816



12729344



34392

Complementary

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



24816



15765504

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.



33024



24816



9462528

Square

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



24816



14549049



5142272



34721

Rectangle

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



24816



13697174



5142272



34110

Sweetspot

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



24816



11784703



61584



5399680



0



8421504

Same Dimension

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



24816



26367



1573104



7106936



18872



5688

Inverse Universe

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



15728736



16711782



14217216



7892081



12058697



3670038

Previews

White Background



This preview shows how the Decimal color 24816 looks on a white background.

Color Contrast Check

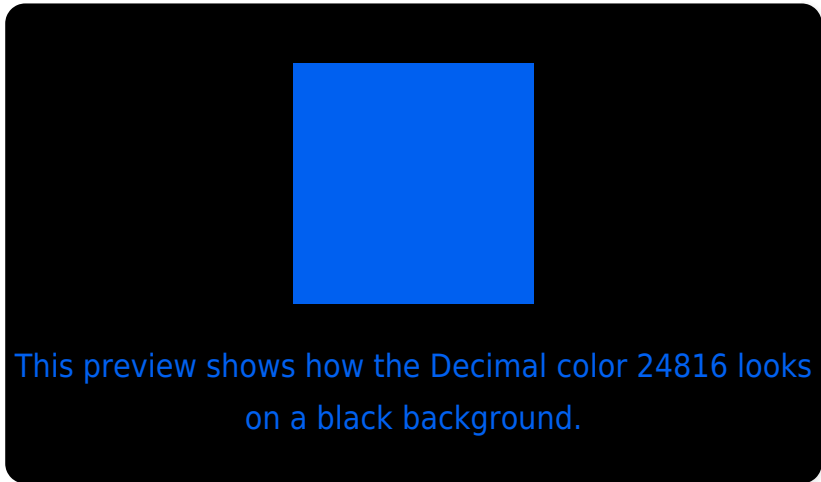
Large Text (above 18pt) WCAG AA ✓ Pass

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

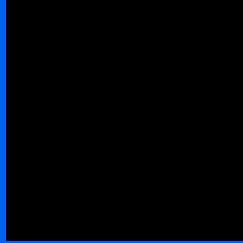
Any Text WCAG AA × Fail

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 24816 Background



This preview shows how black text looks on a background with the Decimal color 24816.



This preview shows how white text looks on a background with the Decimal color 24816.

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](#).

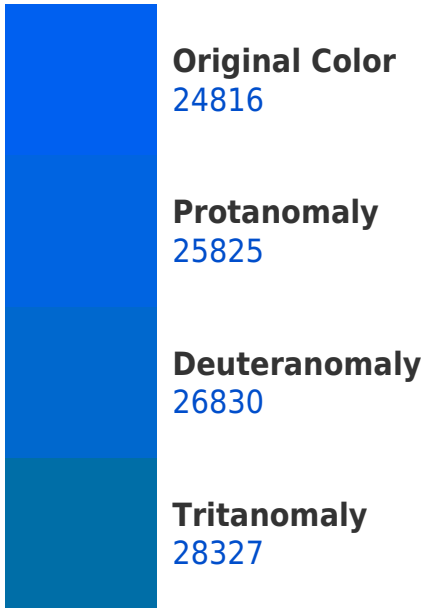
Dichromacy





Tritanopia
30333

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 24816 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 #0060F0 looks like.

```
.text, #text, p{  
    color:#0060F0  
}
```

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 #0060F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0060F0
}
```

Border

The CSS property to change the border of an element to Decimal 24816 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
#0060F0 }
```

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

```
.border{ border-color:#0060F0 }
```

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

Here you see how a box with a 4 pixel #0060F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0060F0; -webkit-box-shadow:4px 4px  
4px 4px #0060F0; box-shadow:4px 4px 4px  
4px #0060F0 }
```

Background

The CSS property to change the background color of an element to Decimal 24816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0060F0 }
```

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

```
.background{ background-color:#0060F0 }
```

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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awesome pro features!

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