

Converting Colors

Decimal(40444)

Have a look what the booklet for
Decimal(40444) contains.

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Color

Decimal(40444)

Conversions

Conversions Part 1

Format	Color
Hex	009DFC
RGB	0, 157, 252
RGB Percent	0%, 62%, 99%
CMY	1.0000, 0.3843, 0.0118
CMYK	1.00, 0.38, 0.00, 0.01
HSL	203°, 100%, 49%
HSV	203°, 100%, 99%
XYZ	29.6277, 31.1422, 96.5450
YIQ	120.8870, -124.0670, -3.7390

Conversions

Conversions Part 2

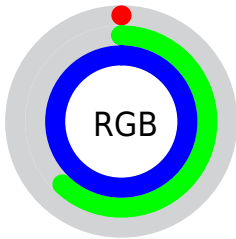
Format	Color
RYB	0, 97, 252
Decimal	40444
CIELab	62.63, 0.11, -56.58
CIELCh	63, 56.576, 270.108
Yxy	31.1422, 0.1883, 0.1980
Android (android.graphics.Color)	4278230524 (0xFF009DFC)
YUV	120.8870, 64.6387, -106.0179
Hunter-Lab	55.8052, -2.8913, -63.5101

Details

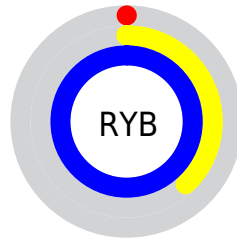
The Decimal color **40444** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **16539392**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **7328767**, and **27331** is the 20% darker color. If you saturate the color by 10%, you get **40444**, and if you desaturate by 10%, it is **1681404**.

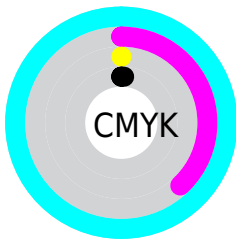
Distribution



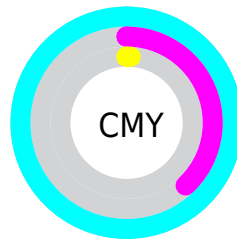
- Red (0%)
- Green (62%)
- Blue (99%)



- Red (0%)
- Yellow (38%)
- Blue (99%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (1%)




















- Cyan (100%)
- Magenta (38%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 40444 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 40444 by changing the saturation by 10% instead.

 40444	 40444
 16777215	 33759
 7328767	 27331
 9564159	 21415
 11730943	 15500
 13828095	 10354
 15859711	 4953
	 1857
	 810
	 276

■ 40444

■ 1681404

■ 3322108

■ 5028604

■ 6669308

■ 8310268

■ 9950972

■ 11591932

■ 13298172

■ 14939132

Harmonies

Analogous

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



43502



40444



9997039

Triad

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



40444



15757416



3583075

Complementary

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



40444



16539392

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.



8430394



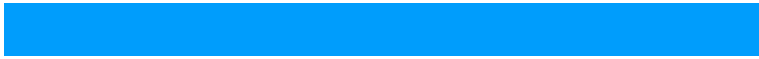
40444



14254656

Square

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



40444



15821209



11703595



45206

Rectangle

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



40444



12877016



11703595



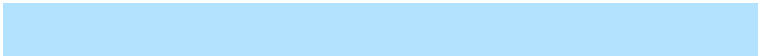
5614164

Sweetspot

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



40444



11789055



64604



5402240



0



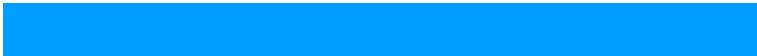
8421504

Same Dimension

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



40444



40959



8956



7370877



30397



9789

Inverse Universe

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



16515229



16711839



16570880



8220792



12386422



3997734

Previews

White Background



This preview shows how the Decimal color 40444 looks on a white background.

Color Contrast Check

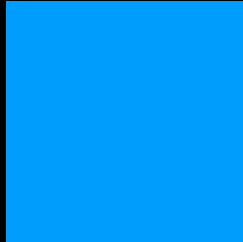
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 40444 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

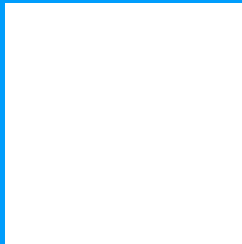
Any Text WCAG AAA ✓ Pass

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

Decimal 40444 Background



This preview shows how black text looks on a background with the Decimal color 40444.

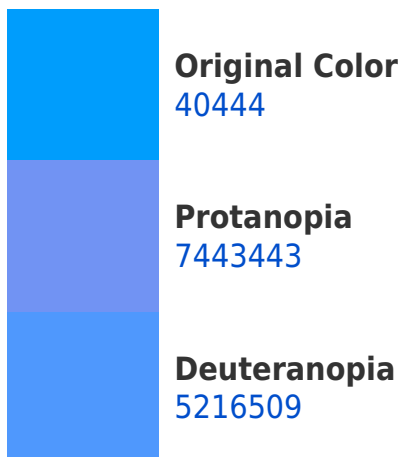


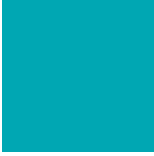
This preview shows how white text looks on a background with the Decimal color 40444.

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](#).

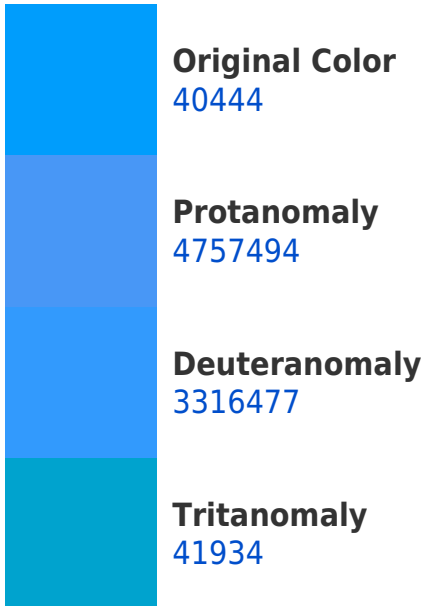
Dichromacy





Tritanopia
42931

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 40444 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 #009DFC looks like.

```
.text, #text, p{  
    color:#009DFC  
}
```

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 #009DFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009DFC
}
```

Border

The CSS property to change the border of an element to Decimal 40444 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
#009DFC }
```

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

```
.border{ border-color:#009DFC }
```

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

Here you see how a box with a 4 pixel #009DFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009DFC; -webkit-box-shadow:4px 4px  
4px 4px #009DFC; box-shadow:4px 4px 4px  
4px #009DFC }
```

Background

The CSS property to change the background color of an element to Decimal 40444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009DFC }
```

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

```
.background{ background-color:#009DFC }
```

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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