

Converting Colors

Hex(007AF0)

Have a look what the booklet for
Hex(007AF0) contains.

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Color

Hex(007AF0)

Conversions

Conversions Part 1

Format	Color
Hex	007AF0
RGB	0, 122, 240
RGB Percent	0%, 48%, 94%
CMY	1.0000, 0.5216, 0.0588
CMYK	1.00, 0.49, 0.00, 0.06
HSL	210°, 100%, 47%
HSV	210°, 100%, 94%
XYZ	22.6877, 20.2103, 85.1433
YIQ	98.9740, -110.5900, 10.8340

Conversions

Conversions Part 2

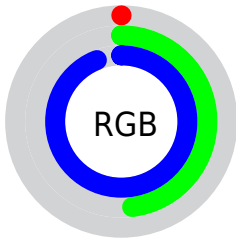
Format	Color
R _Y B	0, 81, 240
Decimal	31472
CIE Lab	52.07, 16.74, -66.89
CIE LCh	52, 68.951, 284.049
Yxy	20.2103, 0.1772, 0.1578
Android (android.graphics.Color)	4278221552 (0xFF007AF0)
YUV	98.9740, 69.5258, -86.8002
Hunter-Lab	44.9559, 11.4100, -80.8219

Details

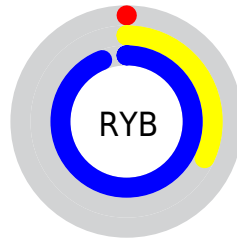
The Hex color **007AF0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F07600**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6CAEFF**, and **004BB7** is the 20% darker color. If you saturate the color by 10%, you get **007AF0**, and if you desaturate by 10%, it is **1886F0**.

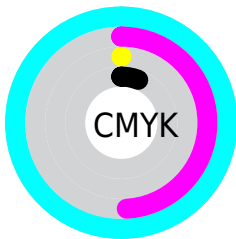
Distribution



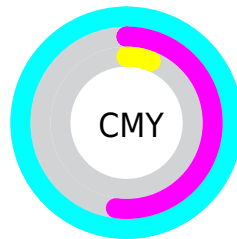
- Red (0%)
- Green (48%)
- Blue (94%)



- Red (0%)
- Yellow (32%)
- Blue (94%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (52%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007AF0 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 Hex color 007AF0 by changing the saturation by 10% instead.

 007AF0

 007AF0

FFFFFF

 0062D3

 6CAEFF

 004BB7

 8EC9FF

 00359C

 AEE5FF

 002281

 CEFFFF

 000C67

 EDFFFF

 000A4E

 000536

 000220

 000004

 007AF0

 1886F0

 3092F0

 489DF0

 60A9F0

 78B5F0

 90C1F0

 A8CDF0

 C0D8F0

 D8E4F0

Harmonies

Analogous

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



008CEE



007AF0



A05ED2

Triad

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



007AF0



D4522B



009459

Complementary

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



007AF0



F07600

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.



338E19



007AF0



AF6E00

Square

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



007AF0



E43963



7C8200



009697

Rectangle

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



007AF0



C849B1



7C8200



009345

Sweetspot

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



007AF0



B3D9FF



00F074



526980



000000



808080

Same Dimension

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



007AF0



0082FF



0004F0



6C7278



005DB8



001D38

Inverse Universe

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



F0007A



FF0082



F0EC00



786C72



B8005D



38001D

Previews

White Background



This preview shows how the Hex color 007AF0 looks on a white background.

Color Contrast Check

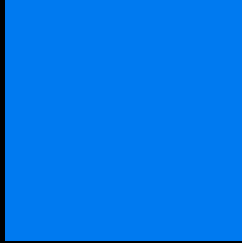
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 007AF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

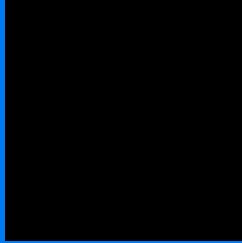
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

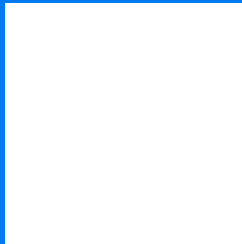
Any Text WCAG AAA × Fail

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

Hex 007AF0 Background



This preview shows how black text looks on a background with the Hex color 007AF0.

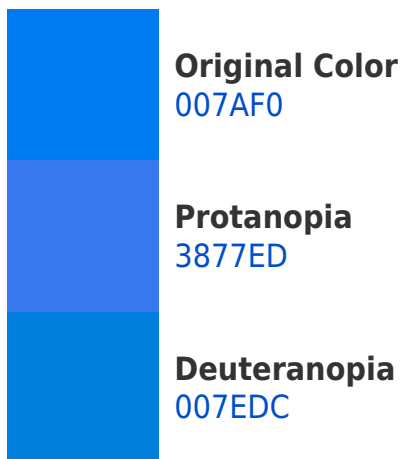


This preview shows how white text looks on a background with the Hex color 007AF0.

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



Original Color
007AF0

Protanomaly
2478EE

Deuteranomaly
007DE3

Monochromacy



Original Color
007AF0

Achromatopsia
636363

Achromatomaly
3F6B96

CSS Examples

Text

The CSS property to change the color of the text to Hex 007AF0 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 #007AF0 looks like.

```
.text, #text, p{  
    color:#007AF0  
}
```

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 #007AF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007AF0
}
```

Border

The CSS property to change the border of an element to Hex 007AF0 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
#007AF0 }
```

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

```
.border{ border-color:#007AF0 }
```

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

Here you see how a box with a 4 pixel #007AF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007AF0; -webkit-box-shadow:4px 4px  
4px 4px #007AF0; box-shadow:4px 4px 4px  
4px #007AF0 }
```

Background

The CSS property to change the background color of an element to Hex 007AF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007AF0 }
```

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

```
.background{ background-color:#007AF0 }
```

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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