

Converting Colors

Hex(007AF7)

Have a look what the booklet for
Hex(007AF7) contains.

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Color

Hex(007AF7)

Conversions

Conversions Part 1

Format	Color
Hex	007AF7
RGB	0, 122, 247
RGB Percent	0%, 48%, 97%
CMY	1.0000, 0.5216, 0.0314
CMYK	1.00, 0.51, 0.00, 0.03
HSL	210°, 100%, 48%
HSV	210°, 100%, 97%
XYZ	23.7480, 20.6345, 90.7269
YIQ	99.7720, -112.8370, 13.0110

Conversions

Conversions Part 2

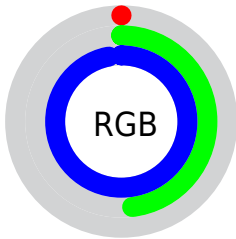
Format	Color
R _Y B	0, 82, 247
Decimal	31479
CIE Lab	52.55, 19.46, -70.02
CIE LCh	53, 72.670, 285.531
Yxy	20.6345, 0.1758, 0.1527
Android (android.graphics.Color)	4278221559 (0xFF007AF7)
YUV	99.7720, 72.5834, -87.5000
Hunter-Lab	45.4252, 13.8248, -86.6212

Details

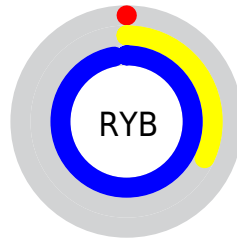
The Hex color **007AF7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F77D00**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6EAEFF**, and **004BBE** is the 20% darker color. If you saturate the color by 10%, you get **007AF7**, and if you desaturate by 10%, it is **1986F7**.

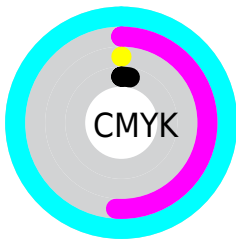
Distribution



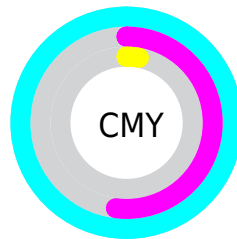
- Red (0%)
- Green (48%)
- Blue (97%)



- Red (0%)
- Yellow (32%)
- Blue (97%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (52%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007AF7 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 007AF7 by changing the saturation by 10% instead.

 007AF7

 007AF7

FFFFFF

 0062DA

 6EAEFF

 004BBE

 90C9FF

 0035A2

 B1E5FF

 002287

 D1FFFF

 000D6D

 F0FFFF

 000B54


 00063B

 000225

 00010D

 007AF7

 1986F7

 3193F7

 4A9FF7

 63ACF7

 7CB8F7

 94C5F7

 ADD1F7

 C6DEF7

 DEEBF7

Harmonies

Analogous

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



008DF7



007AF7



A75BD6

Triad

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



007AF7



D85124



00975C

Complementary

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



007AF7



F77D00

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.



259116



007AF7



B06F00

Square

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



007AF7



EA3360



7A8500



00999D

Rectangle

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



007AF7



CF44B2



7A8500



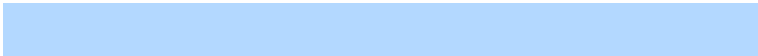
009546

Sweetspot

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



007AF7



B3D8FF



00F77C



526880



000000



808080

Same Dimension

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



007AF7



007EFF



0000F7



6E747A



005CBA



001D3B

Inverse Universe

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



F7007A



FF007E



F7F700



7A6E74



BA005C



3B001D

Previews

White Background



This preview shows how the Hex color 007AF7 looks on a white background.

Color Contrast Check

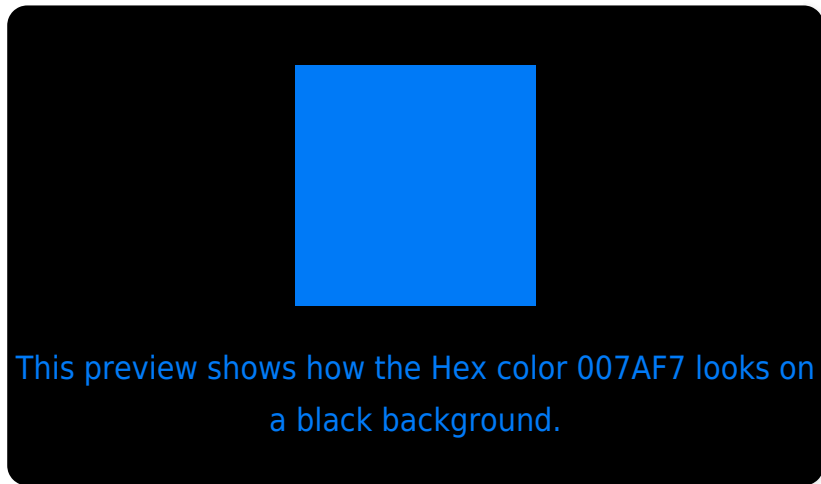
Large Text (above 18pt) WCAG AA ✓ Pass

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

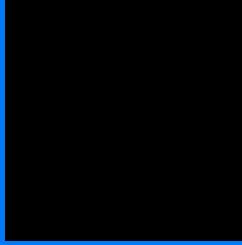
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

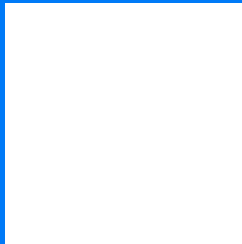
Any Text WCAG AAA × Fail

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

Hex 007AF7 Background



This preview shows how black text looks on a background with the Hex color 007AF7.



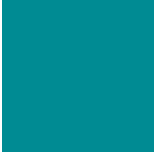
This preview shows how white text looks on a background with the Hex color 007AF7.

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
008B93

Trichromacy



Original Color
007AF7

Protanomaly
1D79F6

Deuteranomaly
007DE6

Tritanomaly
0085B7

Monochromacy



Original Color
007AF7

Achromatopsia
646464

Achromatomaly
406C99

CSS Examples

Text

The CSS property to change the color of the text to Hex 007AF7 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 #007AF7 looks like.

```
.text, #text, p{  
    color:#007AF7  
}
```

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 #007AF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007AF7
}
```

Border

The CSS property to change the border of an element to Hex 007AF7 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
#007AF7 }
```

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

```
.border{ border-color:#007AF7 }
```

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

Here you see how a box with a 4 pixel #007AF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007AF7; -webkit-box-shadow:4px 4px  
4px 4px #007AF7; box-shadow:4px 4px 4px  
4px #007AF7 }
```

Background

The CSS property to change the background color of an element to Hex 007AF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007AF7 }
```

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

```
.background{ background-color:#007AF7 }
```

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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