

Converting Colors

Hex(047AF1)

Have a look what the booklet for
Hex(047AF1) contains.

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Color

Hex(047AF1)

Conversions

Conversions Part 1

Format	Color
Hex	047AF1
RGB	4, 122, 241
RGB Percent	2%, 48%, 95%
CMY	0.9843, 0.5216, 0.0549
CMYK	0.98, 0.49, 0.00, 0.05
HSL	210°, 97%, 48%
HSV	210°, 98%, 95%
XYZ	22.8868, 20.2958, 85.9303
YIQ	100.2840, -108.5270, 11.9930

Conversions

Conversions Part 2

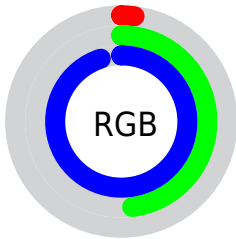
Format	Color
RYB	4, 83, 241
Decimal	293617
CIELab	52.17, 17.23, -67.29
CIELCh	52, 69.461, 284.362
Yxy	20.2958, 0.1773, 0.1572
Android (android.graphics.Color)	4278483697 (0xFF047AF1)
YUV	100.2840, 69.3730, -84.4411
Hunter-Lab	45.0508, 11.8430, -81.5547

Details

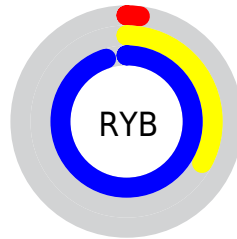
The Hex color **047AF1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F17B04**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6DAEFF**, and **004BB8** is the 20% darker color. If you saturate the color by 10%, you get **0078F1**, and if you desaturate by 10%, it is **1C86F1**.

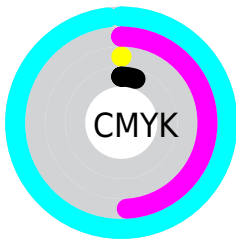
Distribution



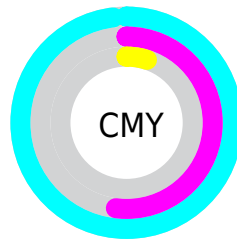
- Red (2%)
- Green (48%)
- Blue (95%)



- Red (2%)
- Yellow (33%)
- Blue (95%)



- Cyan (98%)
- Magenta (49%)
- Yellow (0%)
- Black (5%)



- Cyan (98%)
- Magenta (52%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047AF1 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 047AF1 by changing the saturation by 10% instead.

 047AF1

 047AF1

FFFFFF

 0062D4

 6DAEFF

 004BB8

 8FC9FF

 00359C

 AFE5FF

 002282

 CFFFFFF

 000C68

 EEEFFF

 000A4F

 000537

 000221

 000005

■ 047AF1

■ 047AF1

■ 0078F1

■ 1C86F1

■ 3492F1

■ 4C9EF1

■ 64AAF1

■ 7CB7F1

■ 95C3F1

■ ADCFF1

■ C5DBF1

■ DDE7F1

Harmonies

Analogous

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



008CF0



047AF1



A25ED3

Triad

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



047AF1



D5522A



00955A

Complementary

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



047AF1



F17B04

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.



318F19



047AF1



B06E00

Square

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



047AF1



E53863



7C8300



009798

Rectangle

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



047AF1



C948B1



7C8300



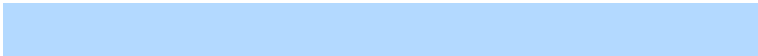
009345

Sweetspot

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



047AF1



B3D9FF



04F17A



526880



000000



808080

Same Dimension

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



047AF1



007FFF



0404F1



6C7278



005BB8



001C38

Inverse Universe

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



F1047A



FF007F



F1F104



786C72



B8005B



38001C

Previews

White Background



This preview shows how the Hex color 047AF1 looks on a white background.

Color Contrast Check

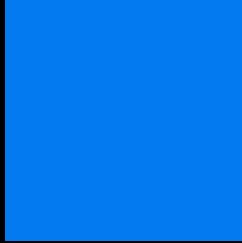
Large Text (above 18pt) WCAG AA ✓ Pass

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 047AF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

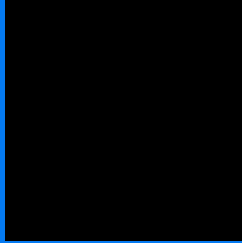
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

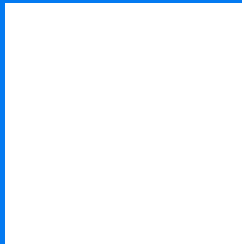
Any Text WCAG AAA × Fail

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

Hex 047AF1 Background



This preview shows how black text looks on a background with the Hex color 047AF1.

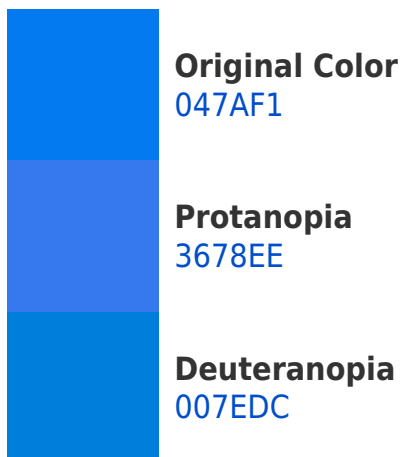


This preview shows how white text looks on a background with the Hex color 047AF1.

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
008992

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 047AF1 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 #047AF1 looks like.

```
.text, #text, p{  
    color:#047AF1  
}
```

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 #047AF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047AF1
}
```

Border

The CSS property to change the border of an element to Hex 047AF1 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
#047AF1 }
```

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

```
.border{ border-color:#047AF1 }
```

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

Here you see how a box with a 4 pixel #047AF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047AF1; -webkit-box-shadow:4px 4px  
4px 4px #047AF1; box-shadow:4px 4px 4px  
4px #047AF1 }
```

Background

The CSS property to change the background color of an element to Hex 047AF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047AF1 }
```

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

```
.background{ background-color:#047AF1 }
```

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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