

Converting Colors

Hex(046DC0)

Have a look what the booklet for
Hex(046DC0) contains.

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Color

Hex(046DC0)

Conversions

Conversions Part 1

Format	Color
Hex	046DC0
RGB	4, 109, 192
RGB Percent	2%, 43%, 75%
CMY	0.9843, 0.5725, 0.2471
CMYK	0.98, 0.43, 0.00, 0.25
HSL	206°, 96%, 38%
HSV	206°, 98%, 75%
XYZ	15.0331, 14.7689, 51.9275
YIQ	87.0670, -89.2230, 3.5530

Conversions

Conversions Part 2

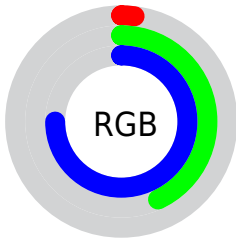
Format	Color
RYB	4, 71, 192
Decimal	290240
CIELab	45.32, 6.11, -50.54
CIELCh	45, 50.909, 276.890
Yxy	14.7689, 0.1839, 0.1807
Android (android.graphics.Color)	4278480320 (0xFF046DC0)
YUV	87.0670, 51.7320, -72.8498
Hunter-Lab	38.4303, 2.5726, -53.2123

Details

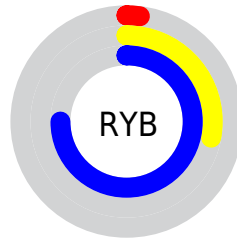
The Hex color **046DC0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C05704**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **60A0F9**, and **003E8A** is the 20% darker color. If you saturate the color by 10%, you get **006BC0**, and if you desaturate by 10%, it is **1775C0**.

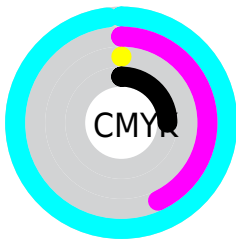
Distribution



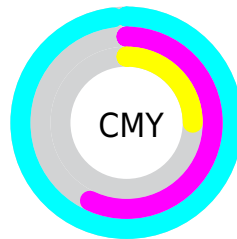
- Red (2%)
- Green (43%)
- Blue (75%)



- Red (2%)
- Yellow (28%)
- Blue (75%)



- Cyan (98%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 046DC0 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 046DC0 by changing the saturation by 10% instead.

■ 046DC0

■ 046DC0

FFFFFF

■ 0055A5

■ 60A0F9

■ 003E8A

■ 7FBFF

■ 002A70

■ 9ED6FF

■ 001657

■ BCF3FF

■ 00063F

■ DAFFF

■ 000328

■ F8FFF

■ 000112

■ 000000

■ 046DC0

■ 046DC0

■ 006BC0

■ 1775C0

■ 2A7EC0

■ 3E86C0

■ 518FC0

■ 6497C0

■ 77A0C0

■ 8AA8C0

■ 9EB1C0

■ B1B9C0

Harmonies

Analogous

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



0079B9



046DC0



795CB0

Triad

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



046DC0



B24B3A



007D48

Complementary

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



046DC0



C05704

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.



4A7720



046DC0



9A5D18

Square

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



046DC0



B74163



776C04



007F74

Rectangle

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



046DC0



9A4F9A



776C04



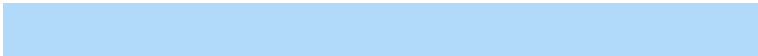
187B3A

Sweetspot

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



046DC0



B1DAFA



04C055



516A7D



FCFCFC



7D7D7D

Same Dimension

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



046DC0



008CFA



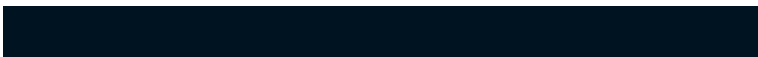
0411C0



575D61



005AA1



001321

Inverse Universe

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



C0046D



FA008C



COB304



61575D



A1005A



210013

Previews

White Background



This preview shows how the Hex color 046DC0 looks on a white background.

Color Contrast Check

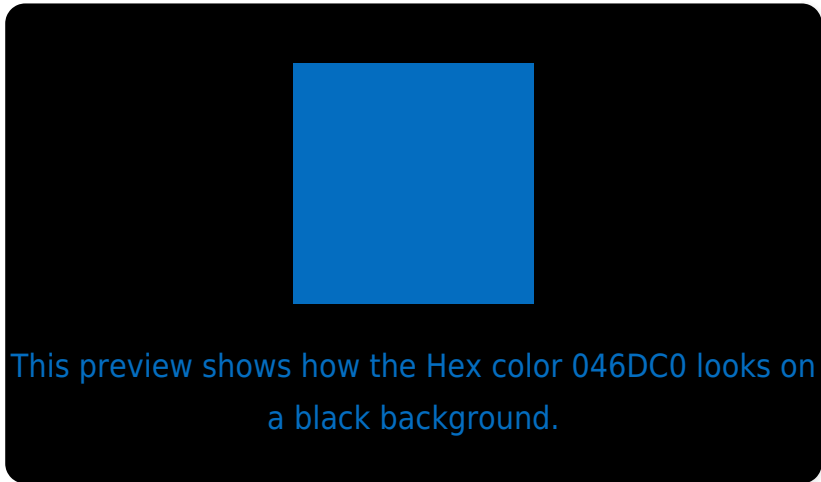
Large Text (above 18pt) WCAG AA ✓ Pass

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

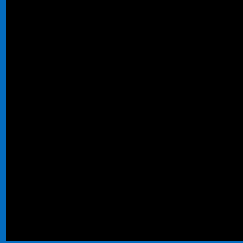
Any Text WCAG AA × Fail

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](#).

Hex 046DC0 Background



This preview shows how black text looks on a background with the Hex color 046DC0.



This preview shows how white text looks on a background with the Hex color 046DC0.

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
00777F

Trichromacy



Original Color
046DC0

Protanomaly
2D6ABD

Deuteranomaly
0D6DC0

Tritanomaly
017397

Monochromacy



Original Color
046DC0

Achromatopsia
575757

Achromatomaly
395F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 046DC0 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 #046DC0 looks like.

```
.text, #text, p{  
    color:#046DC0  
}
```

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 #046DC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #046DC0
}
```

Border

The CSS property to change the border of an element to Hex 046DC0 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
#046DC0 }
```

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

```
.border{ border-color:#046DC0 }
```

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

Here you see how a box with a 4 pixel #046DC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #046DC0; -webkit-box-shadow:4px 4px  
4px 4px #046DC0; box-shadow:4px 4px 4px  
4px #046DC0 }
```

Background

The CSS property to change the background color of an element to Hex 046DC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#046DC0 }
```

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

```
.background{ background-color:#046DC0 }
```

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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