

Converting Colors

Hex(046DCE)

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

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Color

Hex(046DCE)

Conversions

Conversions Part 1

Format	Color
Hex	046DCE
RGB	4, 109, 206
RGB Percent	2%, 43%, 81%
CMY	0.9843, 0.5725, 0.1922
CMYK	0.98, 0.47, 0.00, 0.19
HSL	209°, 96%, 41%
HSV	209°, 98%, 81%
XYZ	16.6593, 15.4193, 60.4907
YIQ	88.6630, -93.7170, 7.9070

Conversions

Conversions Part 2

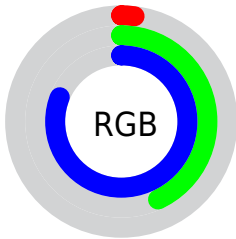
Format	Color
RYB	4, 73, 206
Decimal	290254
CIELab	46.20, 11.70, -57.17
CIELCh	46, 58.352, 281.567
Yxy	15.4193, 0.1800, 0.1666
Android (android.graphics.Color)	4278480334 (0xFF046DCE)
YUV	88.6630, 57.8471, -74.2495
Hunter-Lab	39.2674, 7.0109, -63.8478

Details

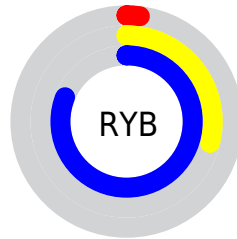
The Hex color **046DCE** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CE6504**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **64A0FF**, and **003F97** is the 20% darker color. If you saturate the color by 10%, you get **006BCE**, and if you desaturate by 10%, it is **1977CE**.

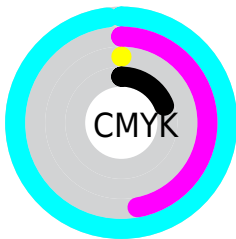
Distribution



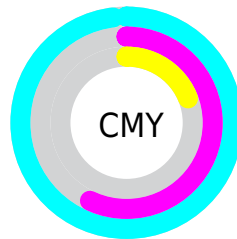
- Red (2%)
- Green (43%)
- Blue (81%)



- Red (2%)
- Yellow (29%)
- Blue (81%)



- Cyan (98%)
- Magenta (47%)
- Yellow (0%)
- Black (19%)



- Cyan (98%)
- Magenta (57%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 046DCE

 046DCE

FFFFFF

 0055B2

 64A0FF

 003F97

 84BBFF

 002A7C

 A3D6FF

 001763

 C1F2FF

 00094A

 E0FFFF

 000433

 00021D

 000000

 046DCE

 046DCE

■ 006BCE

■ 1977CE

■ 2D81CE

■ 428BCE

■ 5695CE

■ 6B9ECE

■ 80A8CE

■ 94B2CE

■ A9BCCE

■ BDC6CE

Harmonies

Analogous

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



007BCA



046DCE



8757B7

Triad

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



046DCE



B94A2E



00824D

Complementary

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



046DCE



CE6504

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.



3A7C1B



046DCE



9C6000

Square

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



046DCE



C4395D



737100



008480

Rectangle

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



046DCE



A9479D



737100



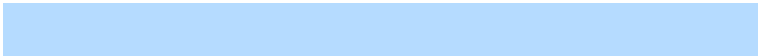
00803C

Sweetspot

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



046DCE



B5DBFF



04CE62



536A80



000000



808080

Same Dimension

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



046DCE



0085FF



040BCE



5C6166



0056A6



001426

Inverse Universe

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



CE046D



FF0085



CEC704



665C61



A60056



260014

Previews

White Background



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

Color Contrast Check

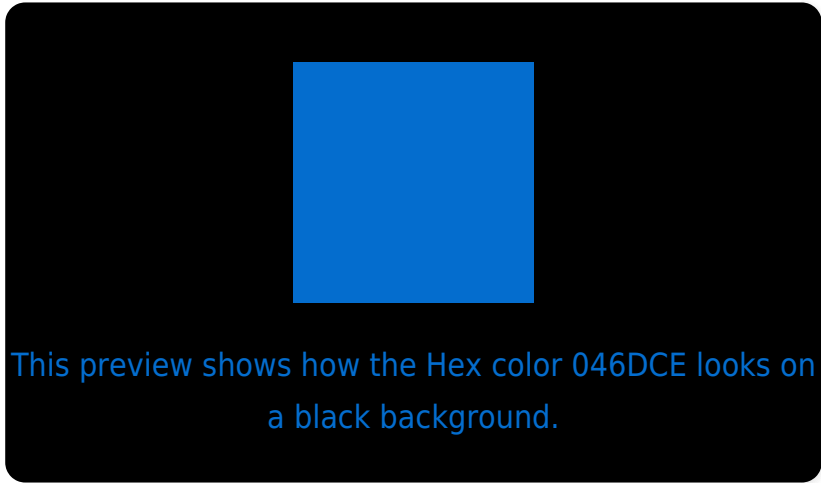
Large Text (above 18pt) WCAG AA ✓ Pass

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

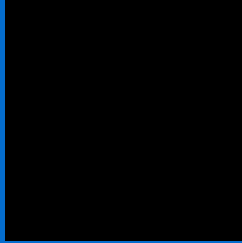
Any Text WCAG AA × Fail

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 046DCE Background



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



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

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
046DCE

Protanomaly
266BCC

Deuteranomaly
016EC7

Monochromacy



Original Color
046DCE

Achromatopsia
595959

Achromatomaly
3A6084

CSS Examples

Text

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

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

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 #046DCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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