

Converting Colors

Hex(046BC8)

Have a look what the booklet for
Hex(046BC8) contains.

Hex(046BC8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(046BC8)

Conversions

Conversions Part 1

Format	Color
Hex	046BC8
RGB	4, 107, 200
RGB Percent	2%, 42%, 78%
CMY	0.9843, 0.5804, 0.2157
CMYK	0.98, 0.46, 0.00, 0.22
HSL	208°, 96%, 40%
HSV	208°, 98%, 78%
XYZ	15.7331, 14.7113, 56.6539
YIQ	86.8050, -91.2410, 7.0870

Conversions

Conversions Part 2

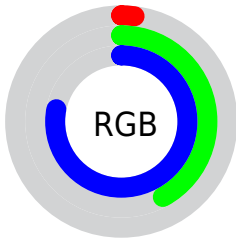
Format	Color
R _Y B	4, 72, 200
Decimal	289736
CIE Lab	45.24, 10.58, -55.28
CIE LCh	45, 56.286, 280.838
Yxy	14.7113, 0.1806, 0.1689
Android (android.graphics.Color)	4278479816 (0xFF046BC8)
YUV	86.8050, 55.8051, -72.6200
Hunter-Lab	38.3554, 6.0975, -60.7273

Details

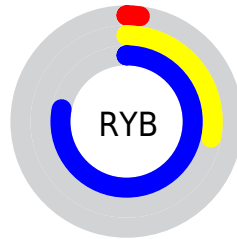
The Hex color **046BC8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C86104**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **629EFF**, and **003D91** is the 20% darker color. If you saturate the color by 10%, you get **0069C8**, and if you desaturate by 10%, it is **1874C8**.

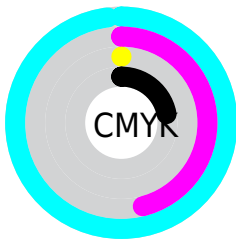
Distribution



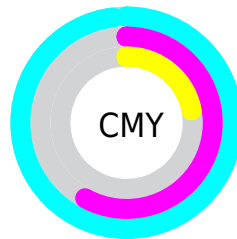
- Red (2%)
- Green (42%)
- Blue (78%)



- Red (2%)
- Yellow (28%)
- Blue (78%)



- Cyan (98%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 046BC8 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 046BC8 by changing the saturation by 10% instead.

■ 046BC8

■ 046BC8

FFFFFF

■ 0053AC

■ 629EFF

■ 003D91

■ 82B8FF

■ 002877

■ A1D4FF

■ 00155E

■ BFF0FF

■ 000845

■ DDFFFF

■ 00042E

■ FCFFFF

■ 000118

■ 000000

■ 046BC8

■ 046BC8

■ 0069C8

■ 1874C8

■ 2C7EC8

■ 4087C8

■ 5491C8

■ 689AC8

■ 7CA4C8

■ 90ADC8

■ A4B7C8

■ B8C0C8

Harmonies

Analogous

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



0079C4



046BC8



8256B3

Triad

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



046BC8



B5482F



007F4A

Complementary

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



046BC8



C86104

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.



3C791B



046BC8



995E01

Square

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



046BC8



BE395C



716E00



00817B

Rectangle

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



046BC8



A4479A



716E00



007D3A

Sweetspot

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



046BC8



B5DCFF



04C85F



536A80



000000



808080

Same Dimension

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



046BC8



0086FF



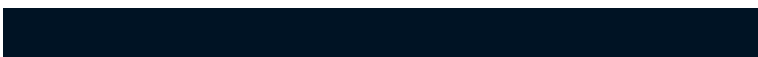
040BC8



5A5F63



0056A3



001324

Inverse Universe

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



C8046B



FF0086



C8C104



635A5F



A30056



240013

Previews

White Background



This preview shows how the Hex color 046BC8 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



This preview shows how the Hex color 046BC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

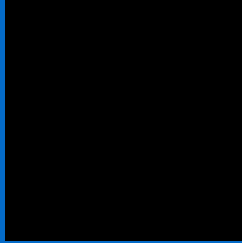
Any Text WCAG AA × Fail

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 046BC8 Background



This preview shows how black text looks on a background with the Hex color 046BC8.



This preview shows how white text looks on a background with the Hex color 046BC8.

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
00777E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 046BC8 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 #046BC8 looks like.

```
.text, #text, p{  
    color:#046BC8  
}
```

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 #046BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #046BC8
}
```

Border

The CSS property to change the border of an element to Hex 046BC8 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
#046BC8 }
```

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

```
.border{ border-color:#046BC8 }
```

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

Here you see how a box with a 4 pixel #046BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #046BC8; -webkit-box-shadow:4px 4px  
4px 4px #046BC8; box-shadow:4px 4px 4px  
4px #046BC8 }
```

Background

The CSS property to change the background color of an element to Hex 046BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#046BC8 }
```

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

```
.background{ background-color:#046BC8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor