

Converting Colors

Hex(074DCC)

Have a look what the booklet for
Hex(074DCC) contains.

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Color

Hex(074DCC)

Conversions

Conversions Part 1

Format	Color
Hex	074DCC
RGB	7, 77, 204
RGB Percent	3%, 30%, 80%
CMY	0.9725, 0.6980, 0.2000
CMYK	0.97, 0.62, 0.00, 0.20
HSL	219°, 93%, 41%
HSV	219°, 97%, 80%
XYZ	13.6406, 9.7126, 58.2825
YIQ	70.5480, -82.4870, 24.6570

Conversions

Conversions Part 2

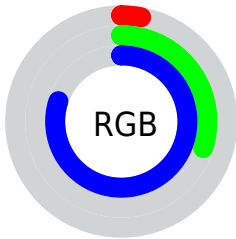
Format	Color
R_{YB}	7, 59, 204
Decimal	478668
CIE _{Lab}	37.32, 31.94, -70.46
CIE _{LCh}	37, 77.359, 294.390
Yxy	9.7126, 0.1671, 0.1190
Android (android.graphics.Color)	4278668748 (0xFF074DCC)
YUV	70.5480, 65.7918, -55.7316
Hunter-Lab	31.1650, 23.5889, -89.0644

Details

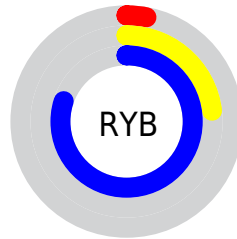
The Hex color **074DCC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **CC8607**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **667DFF**, and **002395** is the 20% darker color. If you saturate the color by 10%, you get **0048CC**, and if you desaturate by 10%, it is **1B5ACC**.

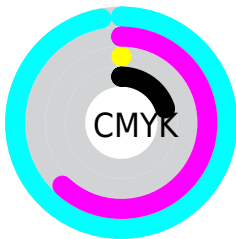
Distribution



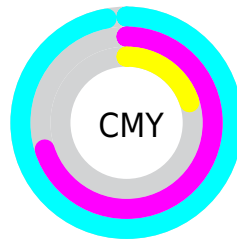
- Red (3%)
- Green (30%)
- Blue (80%)



- Red (3%)
- Yellow (23%)
- Blue (80%)



- Cyan (97%)
- Magenta (62%)
- Yellow (0%)
- Black (20%)



- Cyan (97%)
- Magenta (70%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 074DCC 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 074DCC by changing the saturation by 10% instead.

 074DCC


 074DCC

FFFFFF

 0037B0

 667DFF

 002395

 8697FF

 00117A

 A5B2FF

 000060

 C4CDFF

 000847

 E3E9FF

 000430

 00011A

 000000

 074DCC

 074DCC

■ 0048CC

■ 1B5ACC

■ 3067CC

■ 4474CC

■ 5982CC

■ 6D8FCC

■ 819CCC

■ 96A9CC

■ AAB6CC

■ BFC3CC

Harmonies

Analogous

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



0064D7



074DCC



941CA2

Triad

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



074DCC



A23000



006F4A

Complementary

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



074DCC



CC8607

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.



006C00



074DCC



765200

Square

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



074DCC



BC002A



3A6300



00708A

Rectangle

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



074DCC



B3007B



3A6300



006E33

Sweetspot

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



074DCC



B5CFFF



07CC84



536380



000000



808080

Same Dimension

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



074DCC



005BFF



2107CC



5C5F66



003BA6



000E26

Inverse Universe

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



CC074D



FF005B



B2CC07



665C5F



A6003B



26000E

Previews

White Background



This preview shows how the Hex color 074DCC looks on a white background.

Color Contrast Check

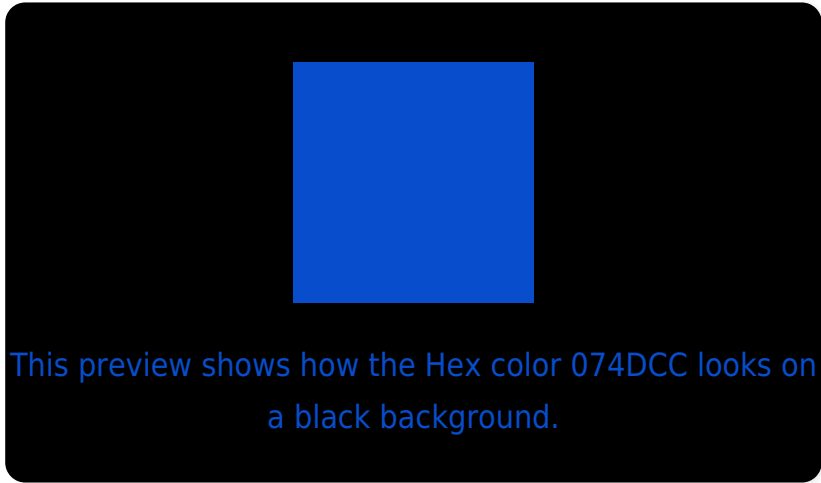
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

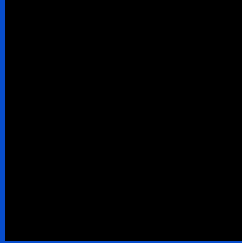
Any Text WCAG AA × Fail

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 074DCC Background



This preview shows how black text looks on a background with the Hex color 074DCC.



This preview shows how white text looks on a background with the Hex color 074DCC.

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



Original Color
074DCC

Protanopia
0054B2

Deuteranopia
005A99

Trichromacy



Original Color
074DCC

Protanomaly
0351BB

Deuteranomaly
0355AC

Tritanomaly
035A8C

Monochromacy



Original Color
074DCC

Achromatopsia
474747

Achromatomaly
304977

CSS Examples

Text

The CSS property to change the color of the text to Hex 074DCC 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 #074DCC looks like.

```
.text, #text, p{  
  color:#074DCC  
}
```

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 #074DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074DCC
}
```

Border

The CSS property to change the border of an element to Hex 074DCC 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
#074DCC }
```

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

```
.border{ border-color:#074DCC }
```

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

Here you see how a box with a 4 pixel #074DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074DCC; -webkit-box-shadow:4px 4px  
4px 4px #074DCC; box-shadow:4px 4px 4px  
4px #074DCC }
```

Background

The CSS property to change the background color of an element to Hex 074DCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074DCC }
```

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

```
.background{ background-color:#074DCC }
```

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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