

Converting Colors

Hex(014CCD)

Have a look what the booklet for
Hex(014CCD) contains.

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Color

Hex(014CCD)

Conversions

Conversions Part 1

Format	Color
Hex	014CCD
RGB	1, 76, 205
RGB Percent	0%, 30%, 80%
CMY	0.9961, 0.7020, 0.1961
CMYK	1.00, 0.63, 0.00, 0.20
HSL	218°, 99%, 40%
HSV	218°, 100%, 80%
XYZ	13.6164, 9.5831, 58.8897
YIQ	68.2810, -86.1090, 24.2190

Conversions

Conversions Part 2

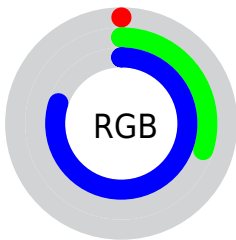
Format	Color
R _Y B	1, 56, 205
Decimal	85197
CIE _{Lab}	37.08, 32.82, -71.43
CIE _{LCh}	37, 78.605, 294.675
Y _{xy}	9.5831, 0.1659, 0.1167
Android (android.graphics.Color)	4278275277 (0xFF014CCD)
YUV	68.2810, 67.4025, -59.0054
Hunter-Lab	30.9566, 24.3400, -91.1195

Details

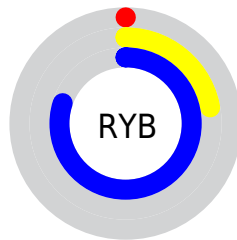
The Hex color **014CCD** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **CD8201**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **657CFF**, and **002295** is the 20% darker color. If you saturate the color by 10%, you get **004BCD**, and if you desaturate by 10%, it is **1559CD**.

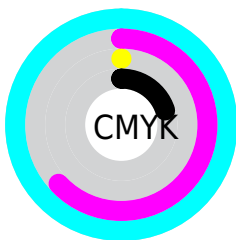
Distribution



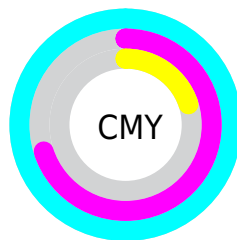
- Red (0%)
- Green (30%)
- Blue (80%)



- Red (0%)
- Yellow (22%)
- Blue (80%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (70%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014CCD 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 014CCD by changing the saturation by 10% instead.

 014CCD

 014CCD

FFFFFF

 0036B1

 657CFF

 002295

 8596FF

 00117B

 A5B1FF

 000061

 C3CCFF

 000848

 E2E8FF

 000431

 00011B

 000000

 014CCD

 014CCD

■ 004BCD

■ 1559CD

■ 2A66CD

■ 3E73CD

■ 5380CD

■ 688DCD

■ 7C9ACD

■ 91A7CD

■ A5B4CD

■ BAC1CD

Harmonies

Analogous

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



0064D8



014CCD



9418A2

Triad

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



014CCD



A22E00



006F4A

Complementary

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



014CCD



CD8201

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.



006B00



014CCD



755100

Square

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



014CCD



BC0028



376300



00708B

Rectangle

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



014CCD



B3007A



376300



006E33

Sweetspot

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



014CCD



B3CFFF



01CD7F



526280



000000



808080

Same Dimension

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



014CCD



005EFF



1901CD



5C6066



003DA6



000E26

Inverse Universe

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



CD014C



FF005E



B5CD01



665C60



A6003D



26000E

Previews

White Background



This preview shows how the Hex color 014CCD looks on a white background.

Color Contrast Check

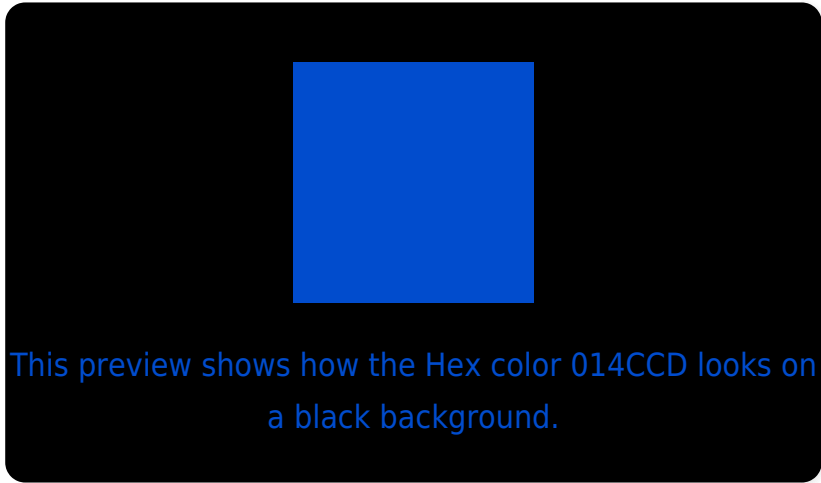
Large Text (above 18pt) WCAG AA ✓ Pass

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

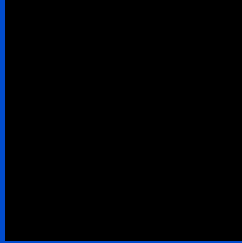
Any Text WCAG AA × Fail

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 014CCD Background



This preview shows how black text looks on a background with the Hex color 014CCD.



This preview shows how white text looks on a background with the Hex color 014CCD.

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
014CCD

Deuteranomaly
0055AB

Tritanomaly
00598B

Monochromacy



Original Color
014CCD

Achromatopsia
444444

Achromatomaly
2C4776

CSS Examples

Text

The CSS property to change the color of the text to Hex 014CCD 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 #014CCD looks like.

```
.text, #text, p{  
    color:#014CCD  
}
```

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 #014CCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014CCD
}
```

Border

The CSS property to change the border of an element to Hex 014CCD 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
#014CCD }
```

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

```
.border{ border-color:#014CCD }
```

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

Here you see how a box with a 4 pixel #014CCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014CCD; -webkit-box-shadow:4px 4px  
4px 4px #014CCD; box-shadow:4px 4px 4px  
4px #014CCD }
```

Background

The CSS property to change the background color of an element to Hex 014CCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014CCD }
```

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

```
.background{ background-color:#014CCD }
```

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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