

Converting Colors

Hex(0014C4)

Have a look what the booklet for
Hex(0014C4) contains.

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Color

Hex(0014C4)

Conversions

Conversions Part 1

Format	Color
Hex	0014C4
RGB	0, 20, 196
RGB Percent	0%, 8%, 77%
CMY	1.0000, 0.9216, 0.2314
CMYK	1.00, 0.90, 0.00, 0.23
HSL	234°, 100%, 38%
HSV	234°, 100%, 77%
XYZ	10.2140, 4.4858, 52.5521
YIQ	34.0840, -68.4160, 50.4960

Conversions

Conversions Part 2

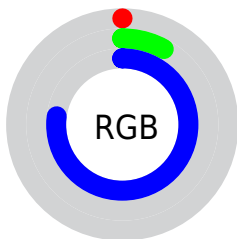
Format	Color
RYB	0, 18, 196
Decimal	5316
CIELab	25.22, 60.06, -85.82
CIELCh	25, 104.746, 304.984
Yxy	4.4858, 0.1519, 0.0667
Android (android.graphics.Color)	4278195396 (0xFF0014C4)
YUV	34.0840, 79.8246, -29.8917
Hunter-Lab	21.1798, 49.0171, -132.2867

Details

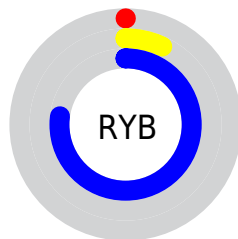
The Hex color **0014C4** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C4B000**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6748FE**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **0014C4**, and if you desaturate by 10%, it is **1426C4**.

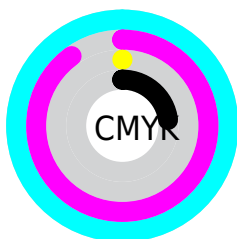
Distribution



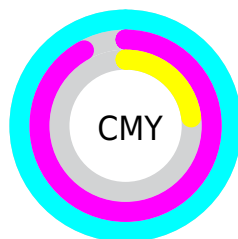
- Red (0%)
- Green (8%)
- Blue (77%)



- Red (0%)
- Yellow (7%)
- Blue (77%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (92%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0014C4 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 0014C4 by changing the saturation by 10% instead.

 0014C4

 0014C4

FFFFFF

 0000A8

 6748FE

 00008C

 8862FF

 000072

 A87CFF

 000C58

 C797FF

 000740

 E6B2FF

 000329

 FFCEFF

 000113

 FFE8FF

 000000

 0014C4

 1426C4

 2737C4

 3B49C4

 4E5AC4

 626CC4

 767EC4

 898FC4

 9DA1C4

 B0B2C4

Harmonies

Analogous

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



0049E3



0014C4



9B0081

Triad

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



0014C4



7C0C00



005348

Complementary

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



0014C4



C4B000

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.



005000



0014C4



3F3E00

Square

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



0014C4



A60000



004C00



005598

Rectangle

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



0014C4



B3004D



004C00



00522C

Sweetspot

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



0014C4



B3BAFF



00C4AD



525680



000000



808080

Same Dimension

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



0014C4



001AFF



4B00C4



575861



0010A1



000321

Inverse Universe

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



C40014



FF001A



79C400



615758



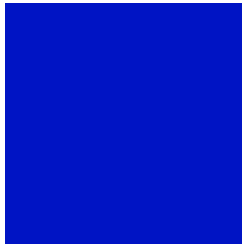
A10010



210003

Previews

White Background



This preview shows how the Hex color 0014C4 looks on a white background.

Color Contrast Check

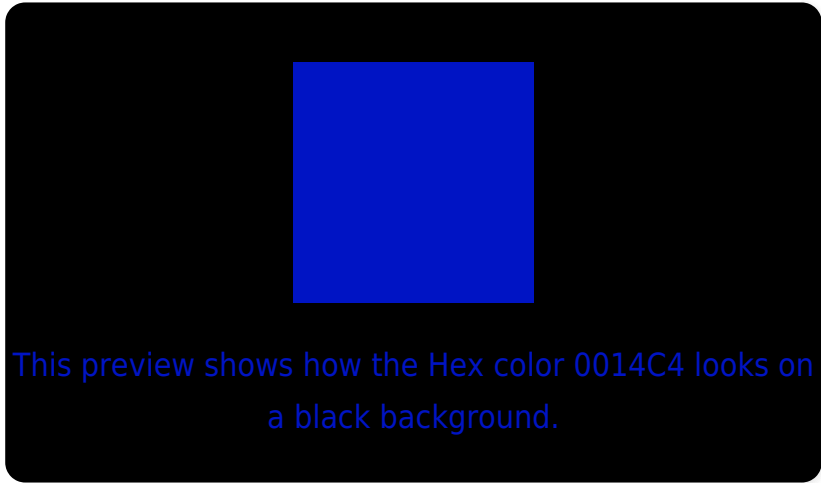
Large Text (above 18pt) WCAG AA ✓ Pass

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

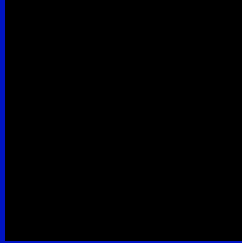
Any Text WCAG AA × Fail

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 0014C4 Background



This preview shows how black text looks on a background with the Hex color 0014C4.



This preview shows how white text looks on a background with the Hex color 0014C4.

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
0014C4

Protanopia
003B7C

Deuteranopia
003F69

Trichromacy



Original Color
0014C4

Protanomaly
002D96

Deuteranomaly
002F8A

Tritanomaly
003374

Monochromacy



Original Color
0014C4

Achromatopsia
222222

Achromatomaly
161D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0014C4 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 #0014C4 looks like.

```
.text, #text, p{  
    color:#0014C4  
}
```

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 #0014C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0014C4
}
```

Border

The CSS property to change the border of an element to Hex 0014C4 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
#0014C4 }
```

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

```
.border{ border-color:#0014C4 }
```

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

Here you see how a box with a 4 pixel #0014C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0014C4; -webkit-box-shadow:4px 4px  
4px 4px #0014C4; box-shadow:4px 4px 4px  
4px #0014C4 }
```

Background

The CSS property to change the background color of an element to Hex 0014C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0014C4 }
```

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

```
.background{ background-color:#0014C4 }
```

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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