

Converting Colors

Hex(005CC6)

Have a look what the booklet for
Hex(005CC6) contains.

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Color

Hex(005CC6)

Conversions

Conversions Part 1

Format	Color
Hex	005CC6
RGB	0, 92, 198
RGB Percent	0%, 36%, 78%
CMY	1.0000, 0.6392, 0.2235
CMYK	1.00, 0.54, 0.00, 0.22
HSL	212°, 100%, 39%
HSV	212°, 100%, 78%
XYZ	14.0202, 11.7315, 54.9515
YIQ	76.5760, -88.8580, 13.4620

Conversions

Conversions Part 2

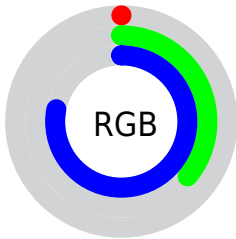
Format	Color
RYB	0, 63, 198
Decimal	23750
CIELab	40.79, 19.42, -61.33
CIELCh	41, 64.328, 287.569
Yxy	11.7315, 0.1737, 0.1454
Android (android.graphics.Color)	4278213830 (0xFF005CC6)
YUV	76.5760, 59.8620, -67.1572
Hunter-Lab	34.2513, 13.1262, -71.1468

Details

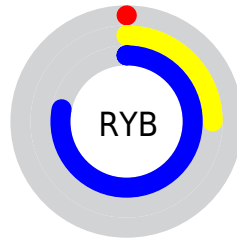
The Hex color **005CC6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C66A00**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **628DFF**, and **00308F** is the 20% darker color. If you saturate the color by 10%, you get **005CC6**, and if you desaturate by 10%, it is **1467C6**.

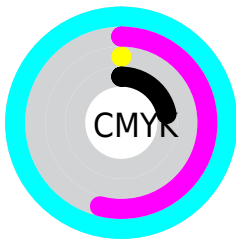
Distribution



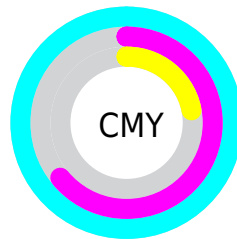
- Red (0%)
- Green (36%)
- Blue (78%)



- Red (0%)
- Yellow (25%)
- Blue (78%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005CC6 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 005CC6 by changing the saturation by 10% instead.

 005CC6

 005CC6

FFFFFF

 0045AA

 628DFF

 00308F

 81A8FF

 001D75

 A0C3FF

 00015C

 BEDEFF

 000743

 DDFBFF

 00032C

 FCFFFF

 000116

 000000

 005CC6

 1467C6

 2871C6

 3B7CC6

 4F86C6

 6391C6

 779CC6

 8BA6C6

 9EB1C6

 B2BBC6

Harmonies

Analogous

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



006DC8



005CC6



8741A8

Triad

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



005CC6



AA3C0F



007548

Complementary

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



005CC6



C66A00

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.



007109



005CC6



875600

Square

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



005CC6



BA1C44



586700



00777F

Rectangle

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



005CC6



A72A89



586700



007435

Sweetspot

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



005CC6



B3D6FF



00C66A



526780



000000



808080

Same Dimension

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



005CC6



0076FF



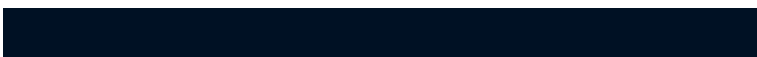
0700C6



5A5E63



004CA3



001124

Inverse Universe

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



C6005C



FF0076



BFC600



635A5E



A3004C



240011

Previews

White Background



This preview shows how the Hex color 005CC6 looks on a white background.

Color Contrast Check

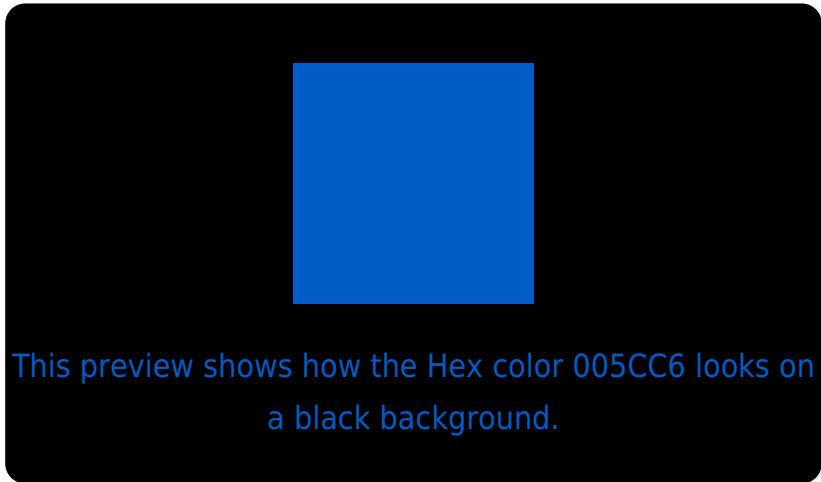
Large Text (above 18pt) WCAG AA ✓ Pass

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

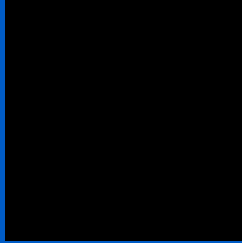
Any Text WCAG AA × Fail

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 005CC6 Background



This preview shows how black text looks on a background with the Hex color 005CC6.



This preview shows how white text looks on a background with the Hex color 005CC6.

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
005CC6

Protanopia
005CC5

Deuteranopia
0062AA



Tritanopia
006B71

Trichromacy



Original Color
005CC6

Protanomaly
005CC5

Deuteranomaly
0060B4

Tritanomaly
006690

Monochromacy



Original Color
005CC6

Achromatopsia
4D4D4D

Achromatomaly
315279

CSS Examples

Text

The CSS property to change the color of the text to Hex 005CC6 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 #005CC6 looks like.

```
.text, #text, p{  
    color:#005CC6  
}
```

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 #005CC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005CC6
}
```

Border

The CSS property to change the border of an element to Hex 005CC6 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
#005CC6 }
```

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

```
.border{ border-color:#005CC6 }
```

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

Here you see how a box with a 4 pixel #005CC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005CC6; -webkit-box-shadow:4px 4px  
4px 4px #005CC6; box-shadow:4px 4px 4px  
4px #005CC6 }
```

Background

The CSS property to change the background color of an element to Hex 005CC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005CC6 }
```

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

```
.background{ background-color:#005CC6 }
```

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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