

Converting Colors

Hex(0052C0)

Have a look what the booklet for
Hex(0052C0) contains.

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Color

Hex(0052C0)

Conversions

Conversions Part 1

Format	Color
Hex	0052C0
RGB	0, 82, 192
RGB Percent	0%, 32%, 75%
CMY	1.0000, 0.6784, 0.2471
CMYK	1.00, 0.57, 0.00, 0.25
HSL	214°, 100%, 38%
HSV	214°, 100%, 75%
XYZ	12.5317, 9.8404, 51.1081
YIQ	70.0220, -84.1820, 16.8260

Conversions

Conversions Part 2

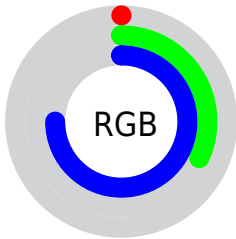
Format	Color
RYB	0, 57, 192
Decimal	21184
CIELab	37.55, 23.65, -63.10
CIELCh	38, 67.382, 290.544
Yxy	9.8404, 0.1705, 0.1339
Android (android.graphics.Color)	4278211264 (0xFF0052C0)
YUV	70.0220, 60.1352, -61.4093
Hunter-Lab	31.3693, 16.4125, -74.6388

Details

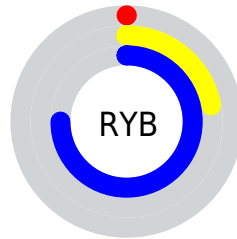
The Hex color **0052C0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C06E00**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6083F9**, and **002789** is the 20% darker color. If you saturate the color by 10%, you get **0052C0**, and if you desaturate by 10%, it is **135DC0**.

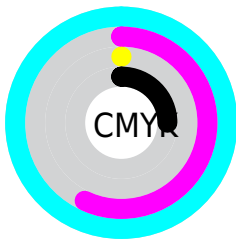
Distribution



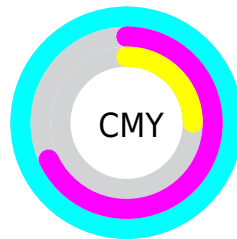
- Red (0%)
- Green (32%)
- Blue (75%)



- Red (0%)
- Yellow (22%)
- Blue (75%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (68%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0052C0 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 0052C0 by changing the saturation by 10% instead.

 0052C0

 0052C0

FFFFFF

 003CA4


 6083F9

 002789

 809CFF

 00156F

 9EB7FF

 000256

 BDD3FF

 00063E

 DBEFFF

 000327

 FAFFFF

 000110

 000000

 0052C0

 135DC0

 2668C0

 3A73C0

 4D7EC0

 6089C0

 7394C0

 869FC0

 9AAAC0

 ADB5C0

Harmonies

Analogous

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



0065C5



0052C0



86329F

Triad

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



0052C0



A03400



006E45

Complementary

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



0052C0



C06E00

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.



006A00



0052C0



7B5000

Square

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



0052C0



B30036



496100



006F7D

Rectangle

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



0052C0



A5107E



496100



006D31

Sweetspot

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



0052C0



AFCFFA



00C06D



50637D



FCFCFC



7D7D7D

Same Dimension

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



0052C0



006BFA



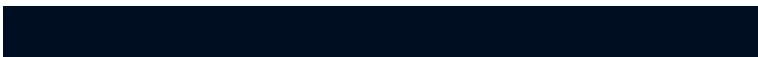
0D00C0



575B61



0045A1



000E21

Inverse Universe

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



C00052



FA006B



B3C000



61575B



A10045



21000E

Previews

White Background



This preview shows how the Hex color 0052C0 looks on a white background.

Color Contrast Check

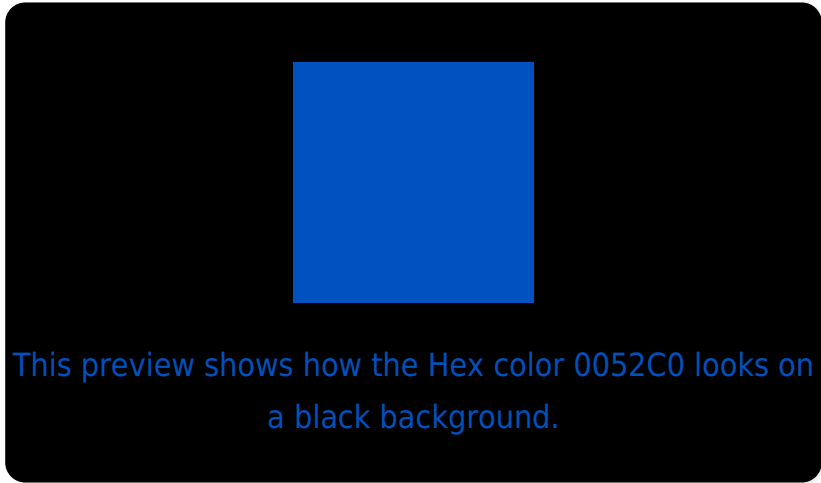
Large Text (above 18pt) WCAG AA ✓ Pass

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

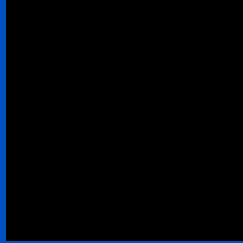
Any Text WCAG AA × Fail

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 0052C0 Background



This preview shows how black text looks on a background with the Hex color 0052C0.



This preview shows how white text looks on a background with the Hex color 0052C0.

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
0052C0

Protanopia
0055B5

Deuteranopia
005B9B

Trichromacy



Original Color
0052C0

Protanomaly
0054B9

Deuteranomaly
0058A8

Tritanomaly
005C88

Monochromacy



Original Color
0052C0

Achromatopsia
464646

Achromatomaly
2D4A72

CSS Examples

Text

The CSS property to change the color of the text to Hex 0052C0 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 #0052C0 looks like.

```
.text, #text, p{  
    color:#0052C0  
}
```

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 #0052C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0052C0
}
```

Border

The CSS property to change the border of an element to Hex 0052C0 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
#0052C0 }
```

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

```
.border{ border-color:#0052C0 }
```

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

Here you see how a box with a 4 pixel #0052C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0052C0; -webkit-box-shadow:4px 4px  
4px 4px #0052C0; box-shadow:4px 4px 4px  
4px #0052C0 }
```

Background

The CSS property to change the background color of an element to Hex 0052C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0052C0 }
```

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

```
.background{ background-color:#0052C0 }
```

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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