

# Converting Colors

Hex(0552C6)

Have a look what the booklet for  
Hex(0552C6) contains.

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# Color

Hex(0552C6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0552C6
RGB	5, 82, 198
RGB Percent	2%, 32%, 78%
CMY	0.9804, 0.6784, 0.2235
CMYK	0.97, 0.59, 0.00, 0.22
HSL	216°, 95%, 40%
HSV	216°, 97%, 78%
XYZ	13.2729, 10.1441, 54.6845
YIQ	72.2010, -83.1280, 19.7520

# Conversions

## Conversions Part 2

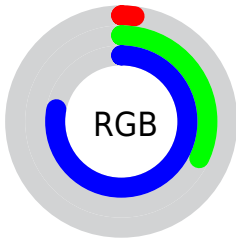
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 60, 198
Decimal	348870
CIE <sub>Lab</sub>	38.10, 26.22, -65.70
CIE <sub>LCh</sub>	38, 70.738, 291.754
Yxy	10.1441, 0.1699, 0.1299
Android (android.graphics.Color)	4278538950 (0xFF0552C6)
YUV	72.2010, 62.0189, -58.9353
Hunter-Lab	31.8498, 18.6502, -79.5033

# Details

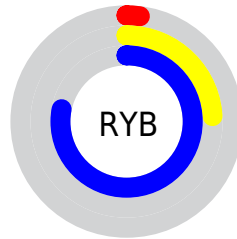
The Hex color **0552C6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C67905**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6383FF**, and **00278F** is the 20% darker color. If you saturate the color by 10%, you get **004FC6**, and if you desaturate by 10%, it is **195EC6**.

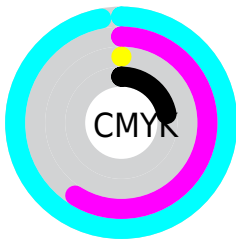
# Distribution



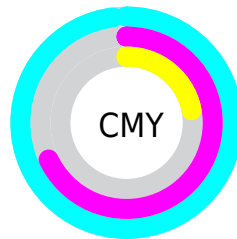
- Red (2%)
- Green (32%)
- Blue (78%)



- Red (2%)
- Yellow (24%)
- Blue (78%)



- Cyan (97%)
- Magenta (59%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (68%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0552C6 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 0552C6 by changing the saturation by 10% instead.



 0552C6

 0552C6

FFFFFF

 003CAA

 6383FF

 00278F

 839DFF

 001575

 A2B7FF

 00005B

 C0D3FF

 000743

 DFEFFF

 00032B

FEFFFF

 000116

 000000

 0552C6

 0552C6

■ 004FC6

■ 195EC6

■ 2D6AC6

■ 4076C6

■ 5482C6

■ 688EC6

■ 7C99C6

■ 90A5C6

■ A3B1C6

■ B7BDC6

# Harmonies

## Analogous

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



0066CD



0552C6



8C2EA2

# Triad

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



0552C6



A33400



007047

# Complementary

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



0552C6



C67905

# 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



0552C6



7B5200

# Square

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



0552C6



B80034



476300



007183

# Rectangle

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



0552C6



AB007F



476300



006F33



# Sweetspot

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



0552C6



B5D3FF



05C679



536580



000000



808080



# Same Dimension

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



0552C6



0066FF



1805C6



5A5D63



0041A3



000E24



# Inverse Universe

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



C60552



FF0066



B3C605



635A5D



A30041



24000E



# Previews

## White Background



This preview shows how the Hex color 0552C6 looks on a white background.

## Color Contrast Check

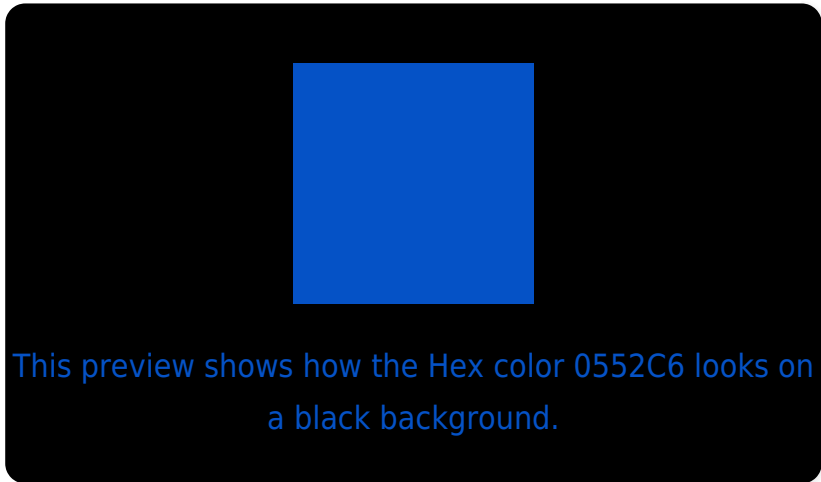
Large Text (above 18pt) WCAG AA ✓ Pass

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

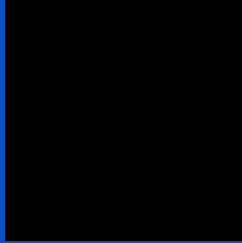
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0552C6 Background



This preview shows how black text looks on a background with the Hex color 0552C6.



This preview shows how white text looks on a background with the Hex color 0552C6.

# 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**  
0552C6

**Protanopia**  
0056B7

**Deuteranopia**  
005C9D



# Trichromacy



**Original Color**  
052C6

**Protanomaly**  
0255BC

**Deuteranomaly**  
0258AC

**Tritanomaly**  
025D8B

# Monochromacy



**Original Color**  
052C6

**Achromatopsia**  
484848

**Achromatomaly**  
304C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0552C6 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 #0552C6 looks like.

```
.text, #text, p{  
    color:#0552C6  
}
```

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 #0552C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0552C6
}
```

## Border

The CSS property to change the border of an element to Hex 0552C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

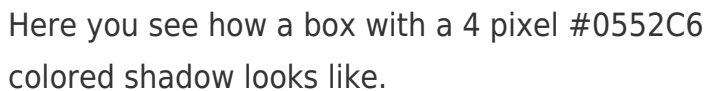
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0552C6 }
```

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

```
.border{ border-color:#0552C6 }
```

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



Here you see how a box with a 4 pixel #0552C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0552C6; -webkit-box-shadow:4px 4px  
4px 4px #0552C6; box-shadow:4px 4px 4px  
4px #0552C6 }
```

# Background

The CSS property to change the background color of an element to Hex 0552C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0552C6 }
```

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

```
.background{ background-color:#0552C6 }
```

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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