

Converting Colors

Hex(0551B4)

Have a look what the booklet for
Hex(0551B4) contains.

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Color

Hex(0551B4)

Conversions

Conversions Part 1

Format	Color
Hex	0551B4
RGB	5, 81, 180
RGB Percent	2%, 32%, 71%
CMY	0.9804, 0.6824, 0.2941
CMYK	0.97, 0.55, 0.00, 0.29
HSL	214°, 95%, 36%
HSV	214°, 97%, 71%
XYZ	11.2432, 9.2124, 44.3656
YIQ	69.5620, -77.0750, 14.6770

Conversions

Conversions Part 2

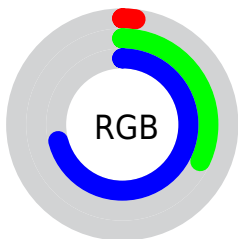
Format	Color
R_{YB}	5, 58, 180
Decimal	348596
CIE _{Lab}	36.39, 19.63, -57.94
CIE _{LCh}	36, 61.178, 288.711
Yxy	9.2124, 0.1734, 0.1421
Android (android.graphics.Color)	4278538676 (0xFF0551B4)
YUV	69.5620, 54.4459, -56.6209
Hunter-Lab	30.3520, 13.0056, -65.4181

Details

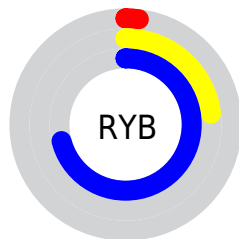
The Hex color **0551B4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B46805**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5E82ED**, and **00267E** is the 20% darker color. If you saturate the color by 10%, you get **004EB4**, and if you desaturate by 10%, it is **175BB4**.

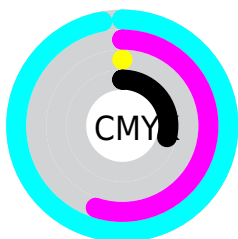
Distribution



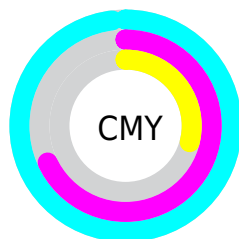
- Red (2%)
- Green (32%)
- Blue (71%)



- Red (2%)
- Yellow (23%)
- Blue (71%)



- Cyan (97%)
- Magenta (55%)
- Yellow (0%)
- Black (29%)



- Cyan (98%)
- Magenta (68%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0551B4 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 0551B4 by changing the saturation by 10% instead.

■ 0551B4 ■ 0551B4

FFFFFF ■ 003B99

■ 5E82ED ■ 00267E

■ 7C9BFF ■ 001464

■ 9AB6FF ■ 00064C

■ B8D2FF ■ 000434

■ D6EEFF ■ 00021E

■ F5FFFF ■ 000000

■ 0551B4 ■ 0551B4

■ 004EB4 ■ 175BB4

■ 2965B4

■ 3B70B4

■ 4D7AB4

■ 5F84B4

■ 718EB4

■ 8398B4

■ 95A2B4

■ A7ADB4

Harmonies

Analogous

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



0061B7



0551B4



7C3697

Triad

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



0551B4



993406



006941

Complementary

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



0551B4



B46805

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.



006505



0551B4



784D00

Square

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



0551B4



A9133A



4C5D00



006A74

Rectangle

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



0551B4



99207A



4C5D00



00682F

Sweetspot

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



0551B4



A7C4EB



05B465



4C5E75



F5F5F5



757575

Same Dimension

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



0551B4



0066EB



0E05B4



505459



004299



000B1A

Inverse Universe

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



B40551



EB0066



ABB405



595054



990042



1A000B

Previews

White Background



This preview shows how the Hex color 0551B4 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

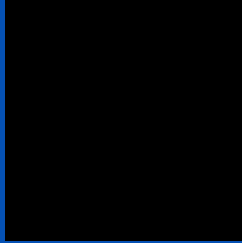
Any Text WCAG AA × Fail

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 0551B4 Background



This preview shows how black text looks on a background with the Hex color 0551B4.

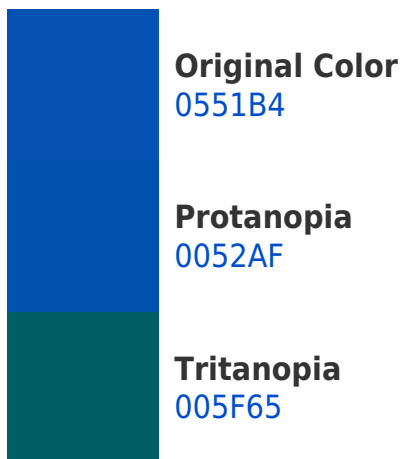


This preview shows how white text looks on a background with the Hex color 0551B4.

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
0551B4

Protanomaly
0252B1

Tritanomaly
025A82

Monochromacy



Original Color
0551B4

Achromatopsia
464646

Achromatomaly
2E4A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0551B4 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 #0551B4 looks like.

```
.text, #text, p{  
    color:#0551B4  
}
```

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 #0551B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0551B4
}
```

Border

The CSS property to change the border of an element to Hex 0551B4 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
#0551B4 }
```

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

```
.border{ border-color:#0551B4 }
```

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

Here you see how a box with a 4 pixel #0551B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0551B4; -webkit-box-shadow:4px 4px  
4px 4px #0551B4; box-shadow:4px 4px 4px  
4px #0551B4 }
```

Background

The CSS property to change the background color of an element to Hex 0551B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0551B4 }
```

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

```
.background{ background-color:#0551B4 }
```

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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