

Converting Colors

Hex(516DC6)

Have a look what the booklet for
Hex(516DC6) contains.

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Color

Hex(516DC6)

Conversions

Conversions Part 1

Format	Color
Hex	516DC6
RGB	81, 109, 198
RGB Percent	32%, 43%, 78%
CMY	0.6824, 0.5725, 0.2235
CMYK	0.59, 0.45, 0.00, 0.22
HSL	226°, 51%, 55%
HSV	226°, 59%, 78%
XYZ	19.0550, 16.7638, 55.6575
YIQ	110.7740, -45.2570, 21.7430

Conversions

Conversions Part 2

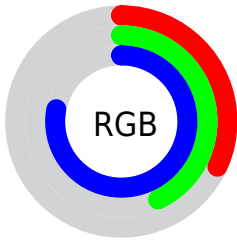
Format	Color
R_{YB}	81, 104, 198
Decimal	5336518
CIE _{Lab}	47.96, 16.94, -49.64
CIE _{LCh}	48, 52.447, 288.845
Yxy	16.7638, 0.2083, 0.1833
Android (android.graphics.Color)	4283526598 (0xFF516DC6)
YUV	110.7740, 43.0024, -26.1118
Hunter-Lab	40.9437, 11.4218, -51.9364

Details

The Hex color **516DC6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C6AA51**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8BA0FF**, and **003E8F** is the 20% darker color. If you saturate the color by 10%, you get **3D5EC6**, and if you desaturate by 10%, it is **657CC6**.

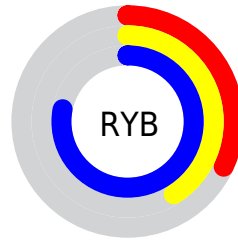
Distribution



Red (32%)

Green (43%)

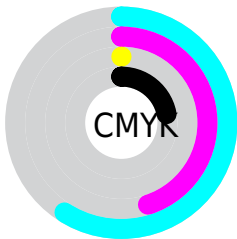
Blue (78%)



Red (32%)

Yellow (41%)

Blue (78%)

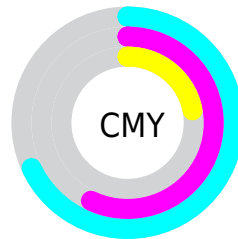


Cyan (59%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (68%)

Magenta (57%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516DC6 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 516DC6 by changing the saturation by 10% instead.

■ 516DC6

■ 516DC6

FFFFFF

■ 3155AA

■ 8BA0FF

■ 003E8F

■ A8BBFF

■ 002975

■ C5D7FF

■ 00165C

■ E2F3FF

■ 000144

■ 00032D

■ 000117

■ 000000

■ 516DC6

■ 516DC6

■ 3D5EC6

■ 657CC6

■ 294FC6

■ 798BC6

■ 1640C6

■ 8C9AC6

■ 0231C6

■ A0A9C6

■ 002FC6

■ B4B8C6

■ C8C7C6

■ DCD6C6

■ EFE5C6

■ FFF5C6

Harmonies

Analogous

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



007CC9



516DC6



9759AD

Triad

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



516DC6



B45830



00865F

Complementary

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



516DC6



C6AA51

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.



368134



516DC6



966A0F

Square

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



516DC6



C14858



6D7810



00878D

Rectangle

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



516DC6



B14D93



6D7810



008550

Sweetspot

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



516DC6



D1DCFF



51C6A9



636A80



000000



808080

Same Dimension

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



516DC6



4A75FF



6E51C6



5A5C63



0027A3



000924

Inverse Universe

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



C6516D



FF4A75



A9C651



635A5C



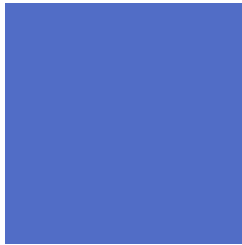
A30027



240009

Previews

White Background



This preview shows how the Hex color 516DC6 looks on a white background.

Color Contrast Check

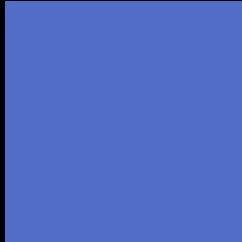
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 516DC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

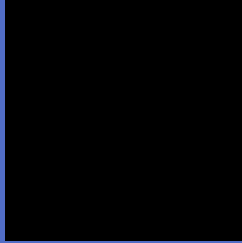
Any Text WCAG AA × Fail

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 516DC6 Background



This preview shows how black text looks on a background with the Hex color 516DC6.



This preview shows how white text looks on a background with the Hex color 516DC6.

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
516DC6

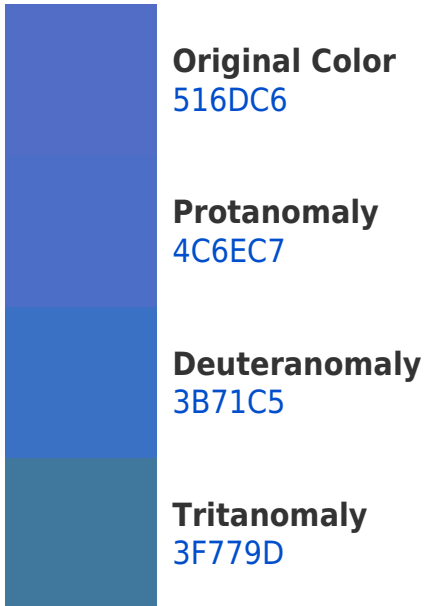
Protanopia
496EC7

Deuteranopia
2F73C5



Tritanopia
357C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 516DC6 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 #516DC6 looks like.

```
.text, #text, p{  
    color:#516DC6  
}
```

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 #516DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516DC6  
}
```

Border

The CSS property to change the border of an element to Hex 516DC6 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  
#516DC6 }
```

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

```
.border{ border-color:#516DC6 }
```

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

Here you see how a box with a 4 pixel #516DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516DC6; -webkit-box-shadow:4px 4px  
4px 4px #516DC6; box-shadow:4px 4px 4px  
4px #516DC6 }
```

Background

The CSS property to change the background color of an element to Hex 516DC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516DC6 }
```

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

```
.background{ background-color:#516DC6 }
```

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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