

Converting Colors

Hex(516AB2)

Have a look what the booklet for
Hex(516AB2) contains.

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Color

Hex(516AB2)

Conversions

Conversions Part 1

Format	Color
Hex	516AB2
RGB	81, 106, 178
RGB Percent	32%, 42%, 70%
CMY	0.6824, 0.5843, 0.3020
CMYK	0.54, 0.40, 0.00, 0.30
HSL	225°, 39%, 51%
HSV	225°, 54%, 70%
XYZ	16.5833, 15.2718, 44.1932
YIQ	106.7330, -38.0120, 17.0920

Conversions

Conversions Part 2

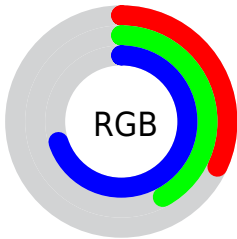
Format	Color
R_{YB}	81, 101, 178
Decimal	5335730
CIE _{Lab}	46.00, 12.13, -41.18
CIE _{LCh}	46, 42.926, 286.418
Yxy	15.2718, 0.2181, 0.2008
Android (android.graphics.Color)	4283525810 (0xFF516AB2)
YUV	106.7330, 35.1346, -22.5678
Hunter-Lab	39.0791, 7.3583, -39.6937

Details

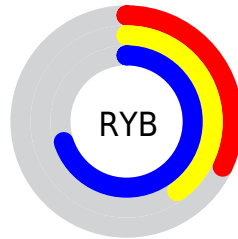
The Hex color **516AB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B29951**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **889DEA**, and **103B7D** is the 20% darker color. If you saturate the color by 10%, you get **3F5DB2**, and if you desaturate by 10%, it is **6377B2**.

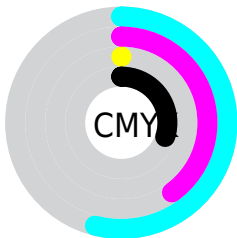
Distribution



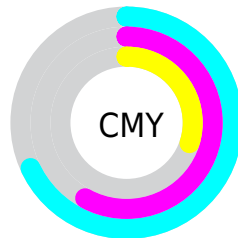
- Red (32%)
- Green (42%)
- Blue (70%)



- Red (32%)
- Yellow (40%)
- Blue (70%)



- Cyan (54%)
- Magenta (40%)
- Yellow (0%)
- Black (30%)



- Cyan (68%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516AB2 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 516AB2 by changing the saturation by 10% instead.

■ 516AB2

■ 516AB2

FFFFFF

■ 345297

■ 889DEA

■ 103B7D

■ A5B8FF

■ 002663

■ C1D3FF

■ 00124B

■ DEF0FF

■ 000434

■ FBFFFF

■ 00021E

■ 000000

■ 516AB2

■ 516AB2

■ 3F5DB2

■ 6377B2

■ 2D50B2

■ 7584B2

■ 1C42B2

■ 8692B2

■ 0A35B2

■ 989FB2

■ 002EB2

■ AAACB2

■ BCB9B2

■ CEC6B2

■ DFD4B2

■ F1E1B2

Harmonies

Analogous

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



0076B3



516AB2



885B9F

Triad

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



516AB2



A6573A



007E5B

Complementary

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



516AB2



B29951

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.



447939



516AB2



8E6524

Square

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



516AB2



AF4D5B



6E7123



007F80

Rectangle

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



516AB2



9F528A



6E7123



167D4F

Sweetspot

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



516AB2



C3CCE8



51B298



5F6575



F5F5F5



757575

Same Dimension

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



516AB2



5178E8



6851B2



505359



002799



00071A

Inverse Universe

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



B2516A



E85178



9BB251



595053



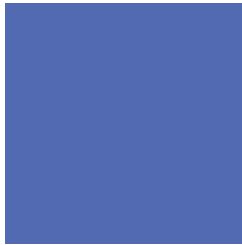
990027



1A0007

Previews

White Background



This preview shows how the Hex color 516AB2 looks on a white background.

Color Contrast Check

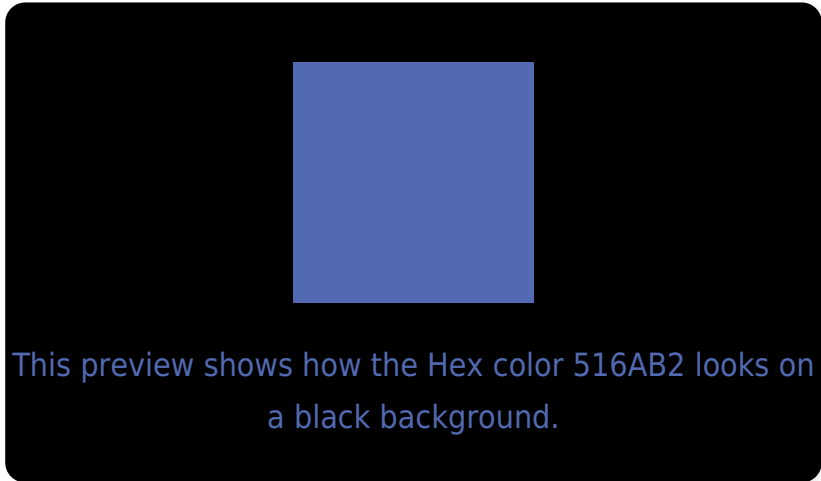
Large Text (above 18pt) WCAG AA ✓ Pass

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

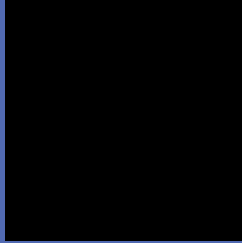
Any Text WCAG AA × Fail

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 516AB2 Background



This preview shows how black text looks on a background with the Hex color 516AB2.



This preview shows how white text looks on a background with the Hex color 516AB2.

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
516AB2

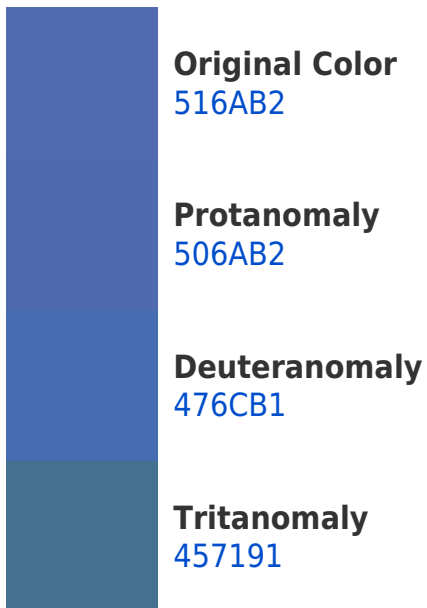
Protanopia
506AB2

Deuteranopia
426DB1

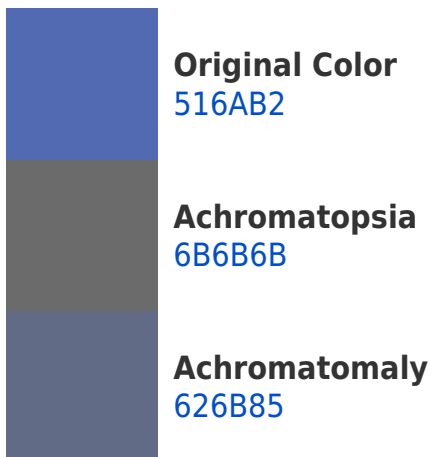


Tritanopia
3E757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 516AB2 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 #516AB2 looks like.

```
.text, #text, p{  
    color:#516AB2  
}
```

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 #516AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516AB2
}
```

Border

The CSS property to change the border of an element to Hex 516AB2 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
#516AB2 }
```

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

```
.border{ border-color:#516AB2 }
```

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

Here you see how a box with a 4 pixel #516AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516AB2; -webkit-box-shadow:4px 4px  
4px 4px #516AB2; box-shadow:4px 4px 4px  
4px #516AB2 }
```

Background

The CSS property to change the background color of an element to Hex 516AB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516AB2 }
```

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

```
.background{ background-color:#516AB2 }
```

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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