

Converting Colors

Hex(516AAA)

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

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Color

Hex(516AAA)

Conversions

Conversions Part 1

Format	Color
Hex	516AAA
RGB	81, 106, 170
RGB Percent	32%, 42%, 67%
CMY	0.6824, 0.5843, 0.3333
CMYK	0.52, 0.38, 0.00, 0.33
HSL	223°, 35%, 49%
HSV	223°, 52%, 67%
XYZ	15.8031, 14.9597, 40.0848
YIQ	105.8210, -35.4440, 14.6040

Conversions

Conversions Part 2

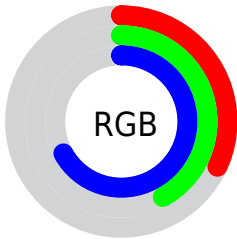
Format	Color
R_{YB}	81, 101, 170
Decimal	5335722
CIE _{Lab}	45.58, 9.51, -37.17
CIE _{LCh}	46, 38.368, 284.356
Yxy	14.9597, 0.2231, 0.2112
Android (android.graphics.Color)	4283525802 (0xFF516AAA)
YUV	105.8210, 31.6402, -21.7680
Hunter-Lab	38.6777, 5.2460, -34.3725

Details

The Hex color **516AAA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AA9151**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **889DE2**, and **153B75** is the 20% darker color. If you saturate the color by 10%, you get **405EAA**, and if you desaturate by 10%, it is **6276AA**.

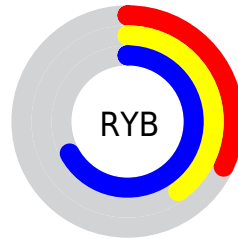
Distribution



Red (32%)

Green (42%)

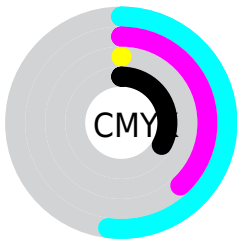
Blue (67%)



Red (32%)

Yellow (40%)

Blue (67%)

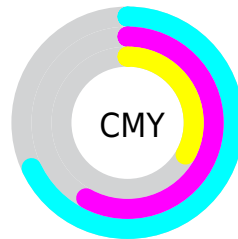


Cyan (52%)

Magenta (38%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients

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

■ 516AAA

■ 516AAA

FFFFFF

■ 35528F

■ 889DE2

■ 153B75

■ A3B8FE

■ 00265C

■ C0D3FF

■ 001244

■ DCF0FF

■ 00032E

■ FAFFFF

■ 000118

■ 000000

■ 516AAA

■ 516AAA

■ 405EAA

■ 6276AA

■ 2F52AA

■ 7382AA

■ 1E45AA

■ 848FAA

■ 0D39AA

■ 959BAA

■ 0030AA

■ A6A7AA

■ B7B3AA

■ C8C0AA

■ D9CCAA

■ EAD8AA

Harmonies

Analogous

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



0074A9



516AAA



825D9A

Triad

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



516AAA



A15840



0E7B5A

Complementary

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



516AAA



AA9151

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.



4C773C



516AAA



8D642D

Square

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



516AAA



A8515E



706F2B



007C7B

Rectangle

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



516AAA



975688



706F2B



2B7A4F

Sweetspot

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



516AAA



BAC4DE



51AA91



5B6170



F0F0F0



707070

Same Dimension

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



516AAA



5279DE



6451AA



4C4E54



002A94



000614

Inverse Universe

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



AA516A



DE5279



97AA51



544C4E



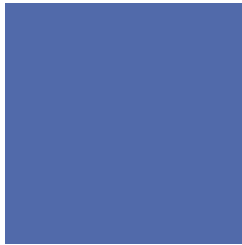
94002A



140006

Previews

White Background



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

Color Contrast Check

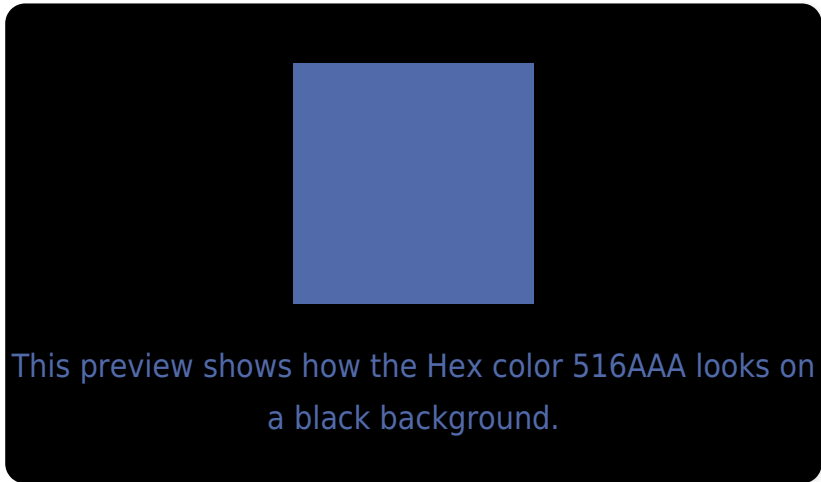
Large Text (above 18pt) WCAG AA ✓ Pass

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

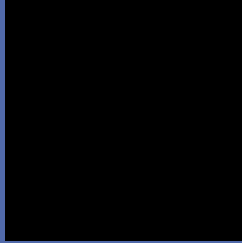
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

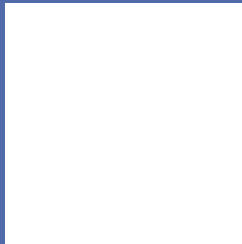
Any Text WCAG AAA × Fail

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

Hex 516AAA Background



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



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

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


516AAA

Protanopia

5469AA

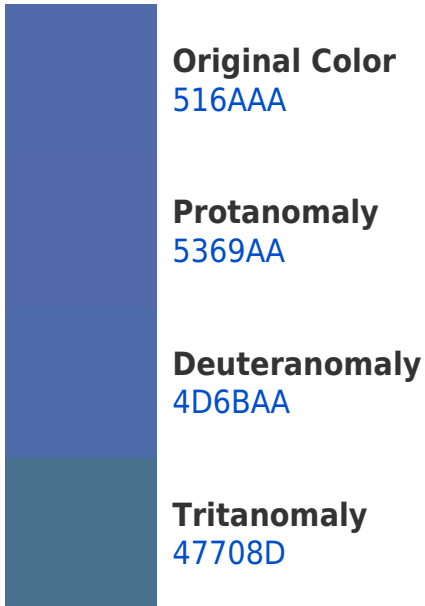
Deuteranopia

4A6CAA

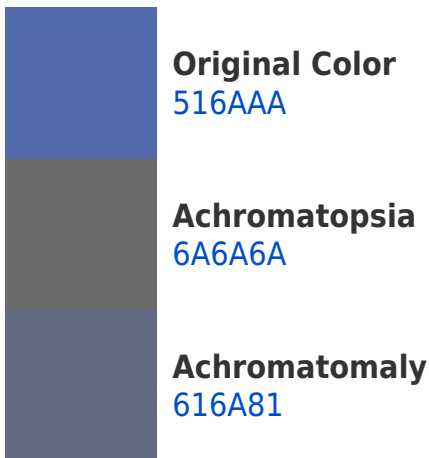


Tritanopia
42737D

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #516AAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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