

Converting Colors

Hex(506AB1)

Have a look what the booklet for
Hex(506AB1) contains.

Hex(506AB1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(506AB1)

Conversions

Conversions Part 1

Format	Color
Hex	506AB1
RGB	80, 106, 177
RGB Percent	31%, 42%, 69%
CMY	0.6863, 0.5843, 0.3059
CMYK	0.55, 0.40, 0.00, 0.31
HSL	224°, 38%, 50%
HSV	224°, 55%, 69%
XYZ	16.3981, 15.1879, 43.6622
YIQ	106.3200, -38.2870, 16.5690

Conversions

Conversions Part 2

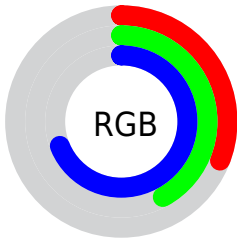
Format	Color
R_{YB}	80, 101, 177
Decimal	5270193
CIE _{Lab}	45.89, 11.58, -40.78
CIE _{LCh}	46, 42.389, 285.853
Yxy	15.1879, 0.2179, 0.2018
Android (android.graphics.Color)	4283460273 (0xFF506AB1)
YUV	106.3200, 34.8452, -23.0826
Hunter-Lab	38.9716, 6.9072, -39.1460

Details

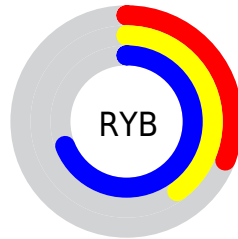
The Hex color **506AB1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B19750**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **879DE9**, and **0E3B7C** is the 20% darker color. If you saturate the color by 10%, you get **3E5DB1**, and if you desaturate by 10%, it is **6277B1**.

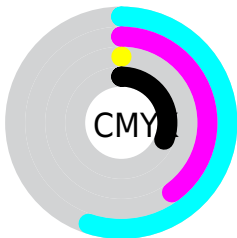
Distribution



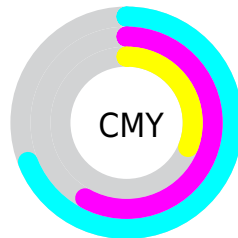
- Red (31%)
- Green (42%)
- Blue (69%)



- Red (31%)
- Yellow (40%)
- Blue (69%)



- Cyan (55%)
- Magenta (40%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506AB1 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 506AB1 by changing the saturation by 10% instead.

■ 506AB1

■ 506AB1

FFFFFF

■ 335296

■ 879DE9

■ 0E3B7C

■ A3B8FF

■ 002663

■ C0D3FF

■ 00124A

■ DDF0FF

■ 000433

■ FAFFFF

■ 00021D

■ 000000

■ 506AB1

■ 506AB1

■ 3E5DB1

■ 6277B1

■ 2D50B1

■ 7384B1

■ 1B43B1

■ 8591B1

■ 0936B1

■ 979EB1

■ 002FB1

■ A9ABB1

■ BAB8B1

■ CCC5B1

■ DED2B1

■ EFDFB1

Harmonies

Analogous

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



0075B1



506AB1



875B9E

Triad

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



506AB1



A5573B



007D5A

Complementary

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



506AB1



B19750

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.



467939



506AB1



8E6525

Square

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



506AB1



AE4E5B



6E7124



007E7F

Rectangle

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



506AB1



9D538A



6E7124



1A7C4E

Sweetspot

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



506AB1



C1CBE6



50B196



5D6373



F2F2F2



737373

Same Dimension

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



506AB1



4E77E6



6550B1



505359



002999



00071A

Inverse Universe

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



B1506A



E64E77



9CB150



595053



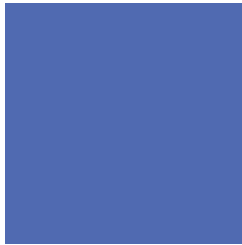
990029



1A0007

Previews

White Background



This preview shows how the Hex color 506AB1 looks on a white background.

Color Contrast Check

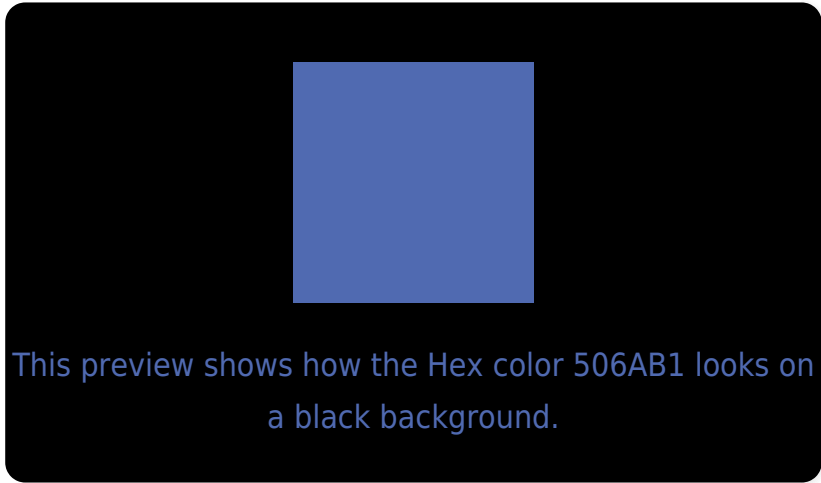
Large Text (above 18pt) WCAG AA ✓ Pass

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 506AB1 Background



This preview shows how black text looks on a background with the Hex color 506AB1.



This preview shows how white text looks on a background with the Hex color 506AB1.

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](#).

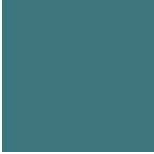
Dichromacy



Original Color
506AB1

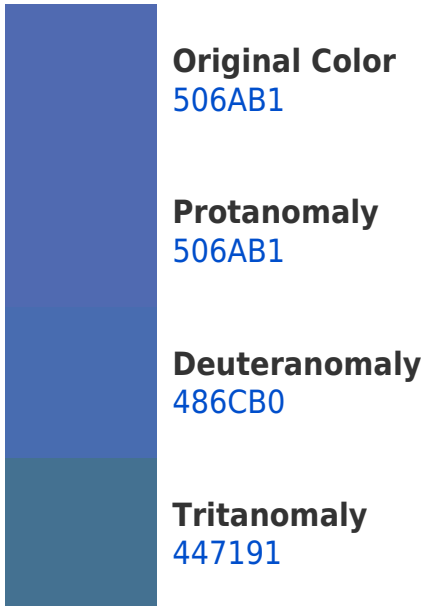
Protanopia
506AB1

Deuteranopia
436DB0

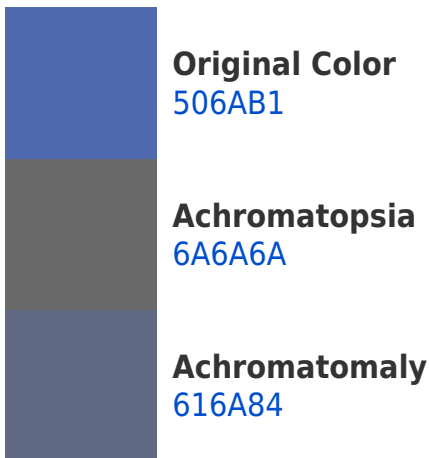


Tritanopia
3D757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 506AB1 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 #506AB1 looks like.

```
.text, #text, p{  
    color:#506AB1  
}
```

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 #506AB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506AB1
}
```

Border

The CSS property to change the border of an element to Hex 506AB1 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".

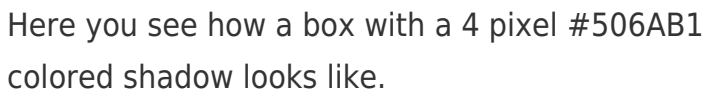
```
.border, #border, table{ border:4px solid
#506AB1 }
```

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

```
.border{ border-color:#506AB1 }
```

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

Here you see how a box with a 4 pixel #506AB1 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506AB1; -webkit-box-shadow:4px 4px  
4px 4px #506AB1; box-shadow:4px 4px 4px  
4px #506AB1 }
```

Background

The CSS property to change the background color of an element to Hex 506AB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506AB1 }
```

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

```
.background{ background-color:#506AB1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor