

Converting Colors

Hex(506BB4)

Have a look what the booklet for
Hex(506BB4) contains.

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Color

Hex(506BB4)

Conversions

Conversions Part 1

Format	Color
Hex	506BB4
RGB	80, 107, 180
RGB Percent	31%, 42%, 71%
CMY	0.6863, 0.5804, 0.2941
CMYK	0.56, 0.41, 0.00, 0.29
HSL	224°, 40%, 51%
HSV	224°, 56%, 71%
XYZ	16.8042, 15.5162, 45.2893
YIQ	107.2490, -39.5250, 16.9790

Conversions

Conversions Part 2

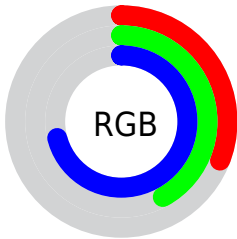
Format	Color
R _Y B	80, 101, 180
Decimal	5270452
CIE Lab	46.33, 11.95, -41.82
CIE LCh	46, 43.496, 285.946
Yxy	15.5162, 0.2165, 0.1999
Android (android.graphics.Color)	4283460532 (0xFF506BB4)
YUV	107.2490, 35.8662, -23.8974
Hunter-Lab	39.3905, 7.2154, -40.5953

Details

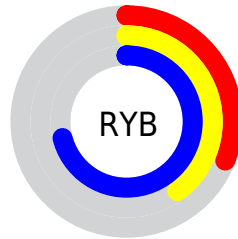
The Hex color **506BB4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B49950**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **889EEC**, and **0C3C7F** is the 20% darker color. If you saturate the color by 10%, you get **3E5EB4**, and if you desaturate by 10%, it is **6278B4**.

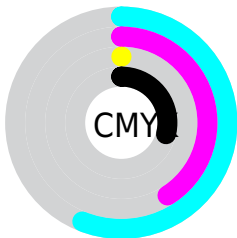
Distribution



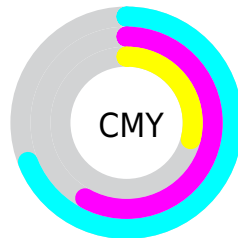
- Red (31%)
- Green (42%)
- Blue (71%)



- Red (31%)
- Yellow (40%)
- Blue (71%)



- Cyan (56%)
- Magenta (41%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506BB4 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 506BB4 by changing the saturation by 10% instead.

■ 506BB4

■ 506BB4

FFFFFF

■ 335399

■ 889EEC

■ 0C3C7F

■ A4B9FF

■ 002765

■ C1D4FF

■ 00134D

■ DEF1FF

■ 000535

■ FBFFFF

■ 00021F

■ 000002

■ 000000

■ 506BB4

■ 506BB4

■ 3E5EB4

■ 6278B4

■ 2C51B4

■ 7485B4

■ 1A44B4

■ 8692B4

■ 0836B4

■ 98A0B4

■ 0031B4

■ AAADB4

■ BCBAB4

■ CEC7B4

■ E0D4B4

■ F2E1B4

Harmonies

Analogous

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



0077B4



506BB4



895CA1

Triad

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



506BB4



A8583B



007F5B

Complementary

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



506BB4



B49950

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.



457A39



506BB4



906624

Square

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



506BB4



B14E5C



6F7222



008081

Rectangle

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



506BB4



A0538C



6F7222



167D4F

Sweetspot

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



506BB4



C3CDEB



50B498



5E6475



F5F5F5



757575

Same Dimension

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



506BB4



4D78EB



6650B4



505359



002999



00071A

Inverse Universe

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



B4506B



EB4D78



9EB450



595053



990029



1A0007

Previews

White Background



This preview shows how the Hex color 506BB4 looks on a white background.

Color Contrast Check

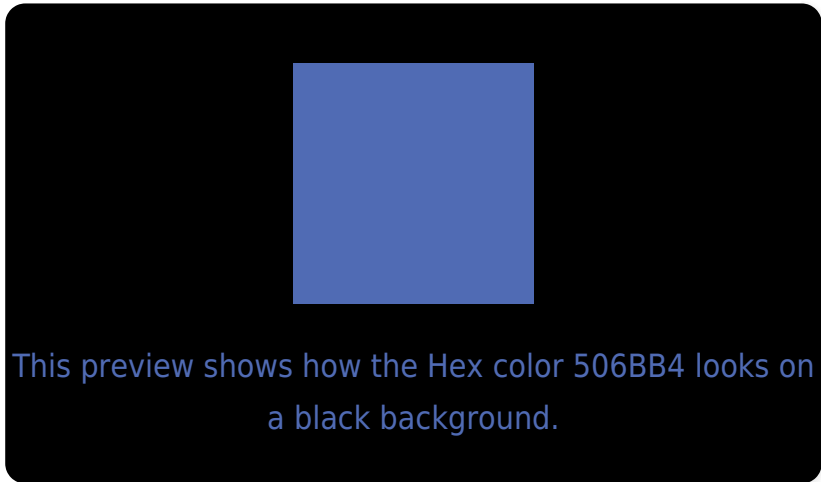
Large Text (above 18pt) WCAG AA ✓ Pass

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

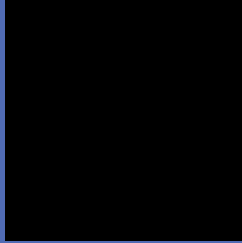
Any Text WCAG AA × Fail

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 506BB4 Background



This preview shows how black text looks on a background with the Hex color 506BB4.



This preview shows how white text looks on a background with the Hex color 506BB4.

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
506BB4

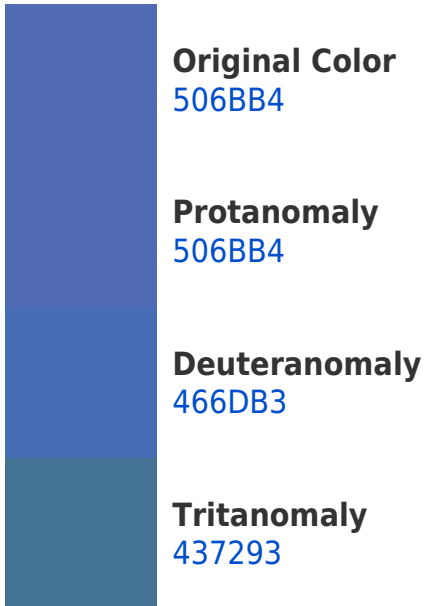
Protanopia
506BB4

Deuteranopia
416EB3



Tritanopia
3C7680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 506BB4 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 #506BB4 looks like.

```
.text, #text, p{  
    color:#506BB4  
}
```

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 #506BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506BB4 }  
}
```

Border

The CSS property to change the border of an element to Hex 506BB4 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 #506BB4 }  
}
```

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

```
.border{ border-color:#506BB4 }
```

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

Here you see how a box with a 4 pixel #506BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506BB4; -webkit-box-shadow:4px 4px  
4px 4px #506BB4; box-shadow:4px 4px 4px  
4px #506BB4 }
```

Background

The CSS property to change the background color of an element to Hex 506BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506BB4 }
```

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

```
.background{ background-color:#506BB4 }
```

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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