

Converting Colors

Hex(506DA0)

Have a look what the booklet for
Hex(506DA0) contains.

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Color

Hex(506DA0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 506DA0 |
| RGB | 80, 109, 160 |
| RGB Percent | 31%, 43%, 63% |
| CMY | 0.6863, 0.5725, 0.3725 |
| CMYK | 0.50, 0.32, 0.00, 0.37 |
| HSL | 218°, 33%, 47% |
| HSV | 218°, 50%, 63% |
| XYZ | 15.1221, 15.1808, 35.3909 |
| YIQ | 106.1430, -33.6550, 9.7130 |

Conversions

Conversions Part 2

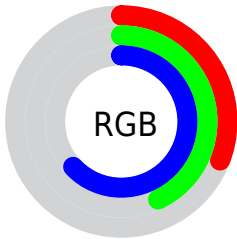
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 80, 101, 160 |
| Decimal | 5270944 |
| CIE Lab | 45.88, 4.20, -30.82 |
| CIE LCh | 46, 31.106, 277.768 |
| Yxy | 15.1808, 0.2302, 0.2311 |
| Android (android.graphics.Color) | 4283461024 (0xFF506DA0) |
| YUV | 106.1430, 26.5515, -22.9274 |
| Hunter-Lab | 38.9626, 1.0945, -26.5811 |

Details

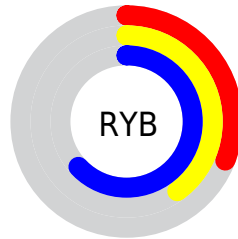
The Hex color **506DA0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A08350**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **86A0D7**, and **173E6C** is the 20% darker color. If you saturate the color by 10%, you get **4063A0**, and if you desaturate by 10%, it is **6077A0**.

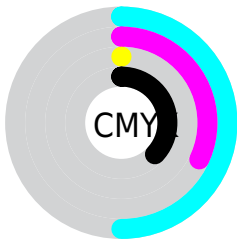
Distribution



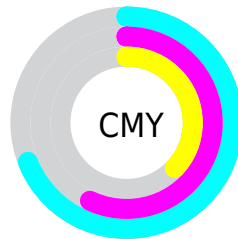
- Red (31%)
- Green (43%)
- Blue (63%)



- Red (31%)
- Yellow (40%)
- Blue (63%)



- Cyan (50%)
- Magenta (32%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (57%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506DA0 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 506DA0 by changing the saturation by 10% instead.

■ 506DA0

■ 506DA0

FFFFFF

■ 355586

■ 86A0D7

■ 173E6C

■ A1BBF4

■ 002854

■ BDD7FF

■ 00143C

■ D9F3FF

■ 000326

■ F7FFFF

■ 00010F

■ 000000

■ 506DA0

■ 506DA0

■ 4063A0

■ 6077A0

■ 3059A0

■ 7081A0

■ 204EA0

■ 808CA0

■ 1044A0

■ 9096A0

■ 003AA0

■ A0A0A0

■ B0AAA0

■ C0B4A0

■ D0BFA0

■ E0C9A0

Harmonies

Analogous

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



12759C



506DA0



786396

Triad

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



506DA0



9C5C4E



397958

Complementary

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



506DA0



A08350

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.



5B7442



506DA0



8D643D

Square

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



506DA0



9E5867



776D38



007A73

Rectangle

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



506DA0



8B5D89



776D38



457850

Sweetspot

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



506DA0



B2BDD1



50A083



565D69



E8E8E8



696969

Same Dimension

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



506DA0



5481D1



5B50A0



474A4F



00348F



00060F

Inverse Universe

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



A0506D



D15481



95A050



4F474A



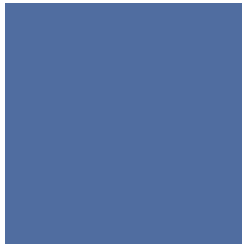
8F0034



0F0006

Previews

White Background



This preview shows how the Hex color 506DA0 looks on a white background.

Color Contrast Check

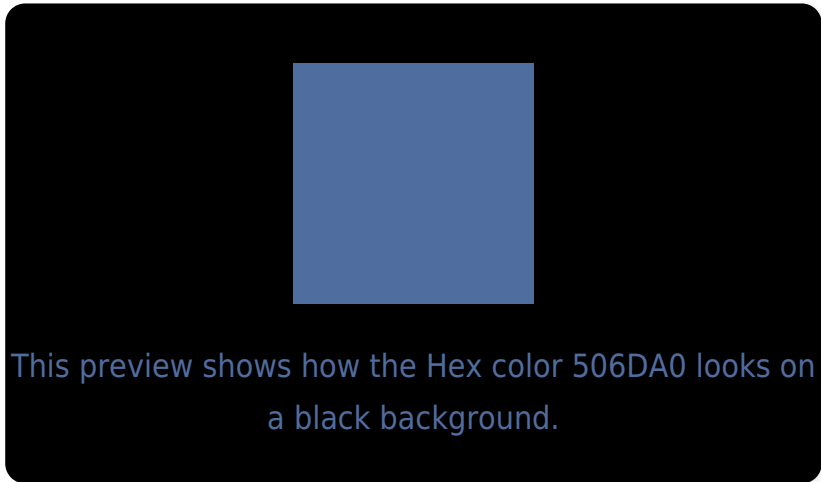
Large Text (above 18pt) WCAG AA ✓ Pass

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

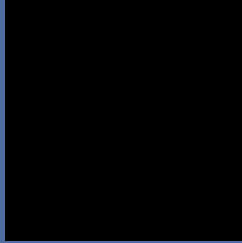
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

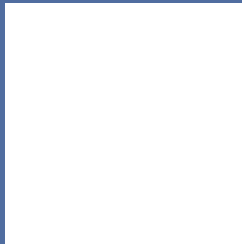
Any Text WCAG AAA × Fail

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

Hex 506DA0 Background



This preview shows how black text looks on a background with the Hex color 506DA0.

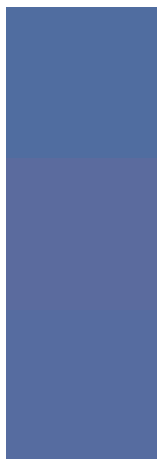


This preview shows how white text looks on a background with the Hex color 506DA0.

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
506DA0

Protanopia
5B6B9E

Deuteranopia
566CA0



Tritanopia
45747D

Trichromacy



Original Color
506DA0

Protanomaly
576C9F

Deuteranomaly
546CA0

Tritanomaly
49718A

Monochromacy



Original Color
506DA0

Achromatopsia
6A6A6A

Achromatomaly
616B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 506DA0 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 #506DA0 looks like.

```
.text, #text, p{  
    color:#506DA0  
}
```

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 #506DA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506DA0
}
```

Border

The CSS property to change the border of an element to Hex 506DA0 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".

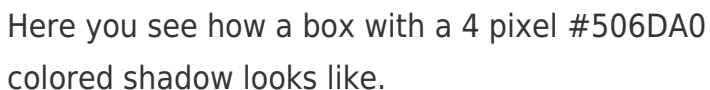
```
.border, #border, table{ border:4px solid
#506DA0 }
```

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

```
.border{ border-color:#506DA0 }
```

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

Here you see how a box with a 4 pixel #506DA0 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 #506DA0; -webkit-box-shadow:4px 4px  
4px 4px #506DA0; box-shadow:4px 4px 4px  
4px #506DA0 }
```

Background

The CSS property to change the background color of an element to Hex 506DA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506DA0 }
```

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

```
.background{ background-color:#506DA0 }
```

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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