

Converting Colors

Hex(5065B6)

Have a look what the booklet for
Hex(5065B6) contains.

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Color

Hex(5065B6)

Conversions

Conversions Part 1

Format	Color
Hex	5065B6
RGB	80, 101, 182
RGB Percent	31%, 40%, 71%
CMY	0.6863, 0.6039, 0.2863
CMYK	0.56, 0.45, 0.00, 0.29
HSL	228°, 41%, 51%
HSV	228°, 56%, 71%
XYZ	16.4054, 14.3902, 46.1689
YIQ	103.9550, -38.5170, 20.7390

Conversions

Conversions Part 2

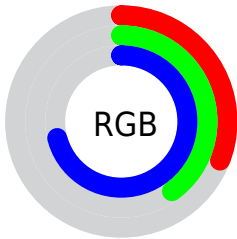
Format	Color
R _Y B	80, 97, 182
Decimal	5268918
CIE Lab	44.79, 16.37, -45.45
CIE LCh	45, 48.308, 289.814
Yxy	14.3902, 0.2132, 0.1870
Android (android.graphics.Color)	4283458998 (0xFF5065B6)
YUV	103.9550, 38.4762, -21.0085
Hunter-Lab	37.9345, 10.8102, -45.6060

Details

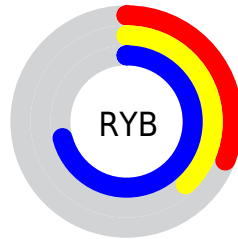
The Hex color **5065B6** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B6A150**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8898EE**, and **093780** is the 20% darker color. If you saturate the color by 10%, you get **3E57B6**, and if you desaturate by 10%, it is **6273B6**.

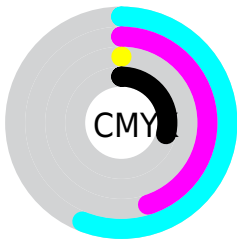
Distribution



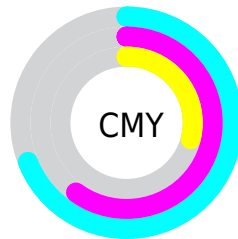
- Red (31%)
- Green (40%)
- Blue (71%)



- Red (31%)
- Yellow (38%)
- Blue (71%)



- Cyan (56%)
- Magenta (45%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5065B6 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 5065B6 by changing the saturation by 10% instead.

■ 5065B6

■ 5065B6

FFFFFF

■ 324D9B

■ 8898EE

■ 093780

■ A4B2FF

■ 002267

■ C1CEFF

■ 000E4E

■ DEEAFF

■ 000537

■ FCFFFF

■ 000220

■ 000005

■ 000000

■ 5065B6

■ 5065B6

■ 3E57B6

■ 6273B6

■ 2C48B6

■ 7482B6

■ 193AB6

■ 8790B6

■ 072BB6

■ 999FB6

■ 0025B6

■ ABADB6

■ BDBCB6

■ CFCAB6

■ E2D9B6

■ F4E7B6

Harmonies

Analogous

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



0073B9



5065B6



8D539E

Triad

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



5065B6



A5532D



007C5A

Complementary

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



5065B6



B6A150

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.



337833



5065B6



8A6312

Square

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



5065B6



B34551



657014



007D84

Rectangle

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



5065B6



A44987



657014



007B4D

Sweetspot

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



5065B6



C5CEDE



50B6A0



606578



F7F7F7



787878

Same Dimension

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



5065B6



4E6FED



6D50B6



53555C



00209C



00061C

Inverse Universe

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



B65065



ED4E6F



99B650



5C5355



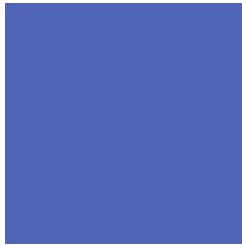
9C0020



1C0006

Previews

White Background



This preview shows how the Hex color 5065B6 looks on a white background.

Color Contrast Check

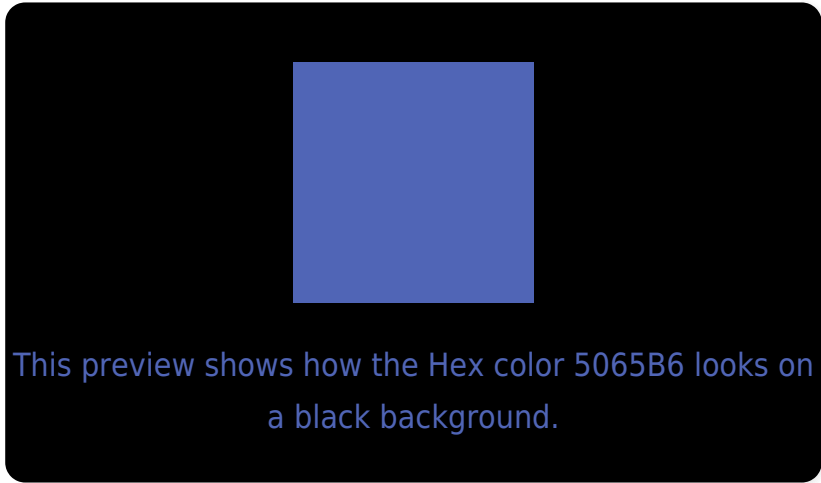
Large Text (above 18pt) WCAG AA ✓ Pass

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 5065B6 Background



This preview shows how black text looks on a background with the Hex color 5065B6.



This preview shows how white text looks on a background with the Hex color 5065B6.

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](#).

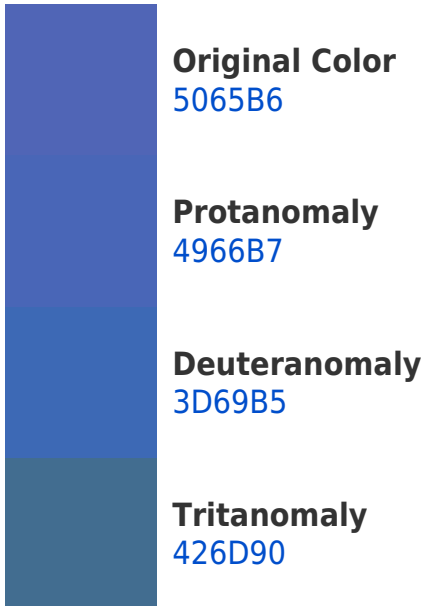
Dichromacy





Tritanopia
3A727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5065B6 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 #5065B6 looks like.

```
.text, #text, p{  
    color:#5065B6  
}
```

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 #5065B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5065B6
}
```

Border

The CSS property to change the border of an element to Hex 5065B6 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
#5065B6 }
```

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

```
.border{ border-color:#5065B6 }
```

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

Here you see how a box with a 4 pixel #5065B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5065B6; -webkit-box-shadow:4px 4px  
4px 4px #5065B6; box-shadow:4px 4px 4px  
4px #5065B6 }
```

Background

The CSS property to change the background color of an element to Hex 5065B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5065B6 }
```

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

```
.background{ background-color:#5065B6 }
```

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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