

Converting Colors

Hex(4756B6)

Have a look what the booklet for
Hex(4756B6) contains.

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Color

Hex(4756B6)

Conversions

Conversions Part 1

Format	Color
Hex	4756B6
RGB	71, 86, 182
RGB Percent	28%, 34%, 71%
CMY	0.7216, 0.6627, 0.2863
CMYK	0.61, 0.53, 0.00, 0.29
HSL	232°, 44%, 50%
HSV	232°, 61%, 71%
XYZ	14.3698, 11.3726, 45.6937
YIQ	92.4590, -39.7560, 26.6760

Conversions

Conversions Part 2

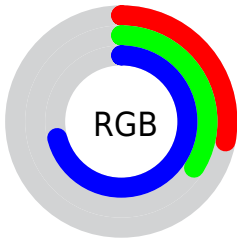
Format	Color
R_{YB}	71, 84, 182
Decimal	4675254
CIE _{Lab}	40.20, 24.12, -52.84
CIE _{LCh}	40, 58.082, 294.534
Yxy	11.3726, 0.2012, 0.1592
Android (android.graphics.Color)	4282865334 (0xFF4756B6)
YUV	92.4590, 44.1437, -18.8195
Hunter-Lab	33.7232, 17.0450, -56.7295

Details

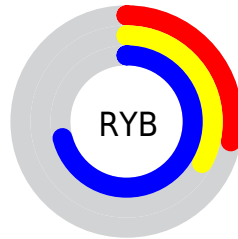
The Hex color **4756B6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B6A747**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8187EF**, and **002980** is the 20% darker color. If you saturate the color by 10%, you get **3546B6**, and if you desaturate by 10%, it is **5966B6**.

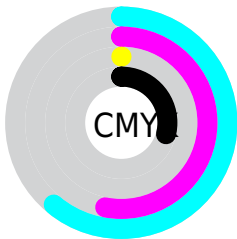
Distribution



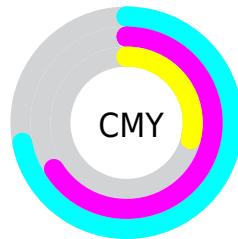
- Red (28%)
- Green (34%)
- Blue (71%)



- Red (28%)
- Yellow (33%)
- Blue (71%)



- Cyan (61%)
- Magenta (53%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (66%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4756B6 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 4756B6 by changing the saturation by 10% instead.

■ 4756B6

■ 4756B6

FFFFFF

■ 263F9B

■ 8187EF

■ 002980

■ 9EA2FF

■ 001666

■ BBBDFF

■ 00004E

■ D8D8FF

■ 000536

■ F6F5FF

■ 000220

■ 000004

■ 000000

■ 4756B6

■ 4756B6

■ 3546B6

■ 5966B6

■ 2337B6

■ 6B75B6

■ 1027B6

■ 7E85B6

■ 0019B6

■ 9095B6

■ A2A5B6

■ B4B4B6

■ C6C4B6

■ D9D4B6

■ EBE4B6

Harmonies

Analogous

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



0067BE



4756B6



8E3D97

Triad

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



4756B6



9C450B



007354

Complementary

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



4756B6



B6A747

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.



006F22



4756B6



7A5A00

Square

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



4756B6



B02D3B



4D6800



007485

Rectangle

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



4756B6



A62D79



4D6800



007244

Sweetspot

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



4756B6



C2C8ED



47B6A5



5D6178



F7F7F7



787878

Same Dimension

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



4756B6



4057ED



6E47B6



53545C



00159C



00041C

Inverse Universe

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



B64756



ED4057



8FB647



5C5354



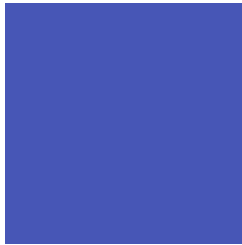
9C0015



1C0004

Previews

White Background



This preview shows how the Hex color 4756B6 looks on a white background.

Color Contrast Check

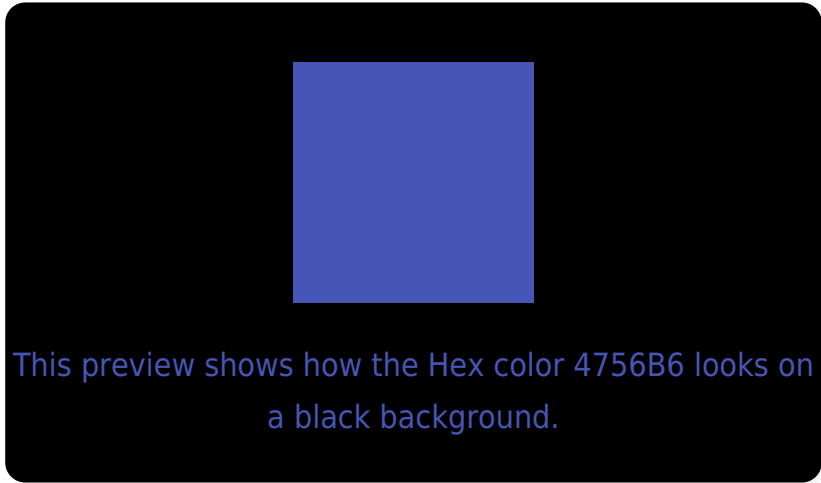
Large Text (above 18pt) WCAG AA ✓ Pass

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

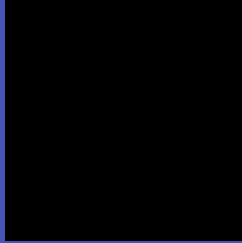
Any Text WCAG AA × Fail

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 4756B6 Background



This preview shows how black text looks on a background with the Hex color 4756B6.



This preview shows how white text looks on a background with the Hex color 4756B6.

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
4756B6

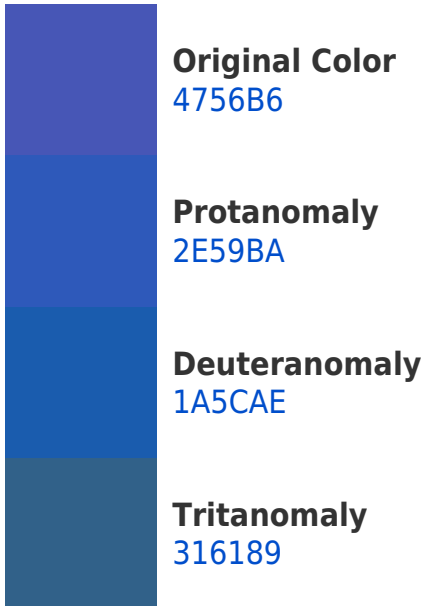
Protanopia
1F5BBC

Deuteranopia
0060A9

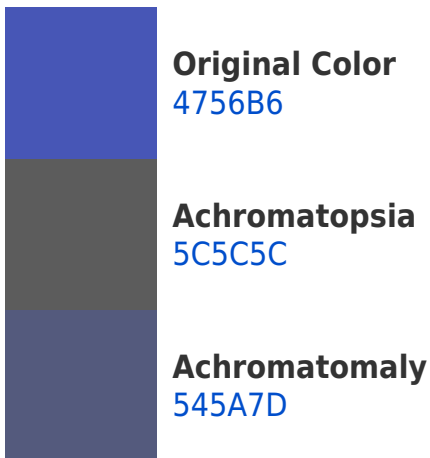


Tritanopia
256770

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4756B6 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 #4756B6 looks like.

```
.text, #text, p{  
    color:#4756B6  
}
```

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 #4756B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4756B6
}
```

Border

The CSS property to change the border of an element to Hex 4756B6 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
#4756B6 }
```

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

```
.border{ border-color:#4756B6 }
```

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

Here you see how a box with a 4 pixel #4756B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4756B6; -webkit-box-shadow:4px 4px  
4px 4px #4756B6; box-shadow:4px 4px 4px  
4px #4756B6 }
```

Background

The CSS property to change the background color of an element to Hex 4756B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4756B6 }
```

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

```
.background{ background-color:#4756B6 }
```

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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