

Converting Colors

Hex(6476B3)

Have a look what the booklet for
Hex(6476B3) contains.

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Color

Hex(6476B3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6476B3 |
| RGB | 100, 118, 179 |
| RGB Percent | 39%, 46%, 70% |
| CMY | 0.6078, 0.5373, 0.2980 |
| CMYK | 0.44, 0.34, 0.00, 0.30 |
| HSL | 226°, 34%, 55% |
| HSV | 226°, 44%, 70% |
| XYZ | 19.8706, 18.9209, 45.2526 |
| YIQ | 119.5720, -30.3090, 15.1550 |

Conversions

Conversions Part 2

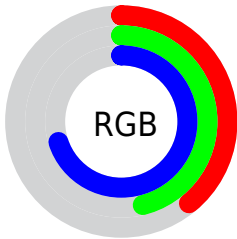
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 100, 115, 179 |
| Decimal | 6583987 |
| CIE _{Lab} | 50.59, 9.71, -34.44 |
| CIE _{LCh} | 51, 35.778, 285.743 |
| Yxy | 18.9209, 0.2364, 0.2251 |
| Android (android.graphics.Color) | 4284774067 (0xFF6476B3) |
| YUV | 119.5720, 29.2980, -17.1646 |
| Hunter-Lab | 43.4981, 5.4200, -31.2328 |

Details

The Hex color **6476B3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B3A164**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9AAAEB**, and **2E467E** is the 20% darker color. If you saturate the color by 10%, you get **5268B3**, and if you desaturate by 10%, it is **7684B3**.

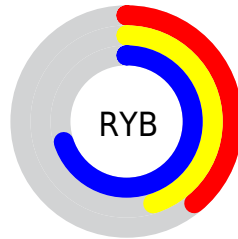
Distribution



Red (39%)

Green (46%)

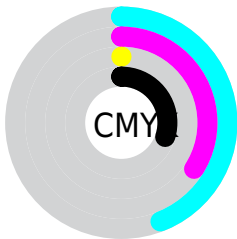
Blue (70%)



Red (39%)

Yellow (45%)

Blue (70%)

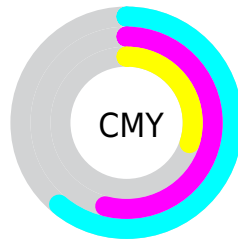


Cyan (44%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (61%)

Magenta (54%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6476B3 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 6476B3 by changing the saturation by 10% instead.

■ 6476B3

■ 6476B3

FFFFFF

■ 495D98

■ 9AAAEB

■ 2E467E

■ B6C5FF

■ 0E3065

■ D2E1FF

■ 001C4C

■ EFFEFF

■ 000035

■ 00021F

■ 000002

■ 000000

■ 6476B3

■ 6476B3

■ 5268B3

■ 7684B3

■ 405AB3

■ 8892B3

■ 2E4DB3

■ 9A9FB3

■ 1C3FB3

■ ACADB3

■ 0A31B3

■ BEBBB3

■ 0029B3

■ CFC9B3

■ E1D7B3

■ F3E5B3

■ FFF2B3

Harmonies

Analogous

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



1E80B3



6476B3



906AA3

Triad

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



6476B3



AB674E



2B8768

Complementary

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



6476B3



B3A164

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.



59834D



6476B3



98723D

Square

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



6476B3



B36069



7B7C3C



008888

Rectangle

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



6476B3



A36492



7B7C3C



3D865E

Sweetspot

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



6476B3



CAD1E8



64B3A1



636775



F5F5F5



757575

Same Dimension

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



6476B3



6D89E8



7964B3



505259



002399



00061A

Inverse Universe

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



B36476



E86D89



9EB364



595052



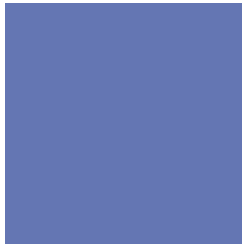
990023



1A0006

Previews

White Background



This preview shows how the Hex color 6476B3 looks on a white background.

Color Contrast Check

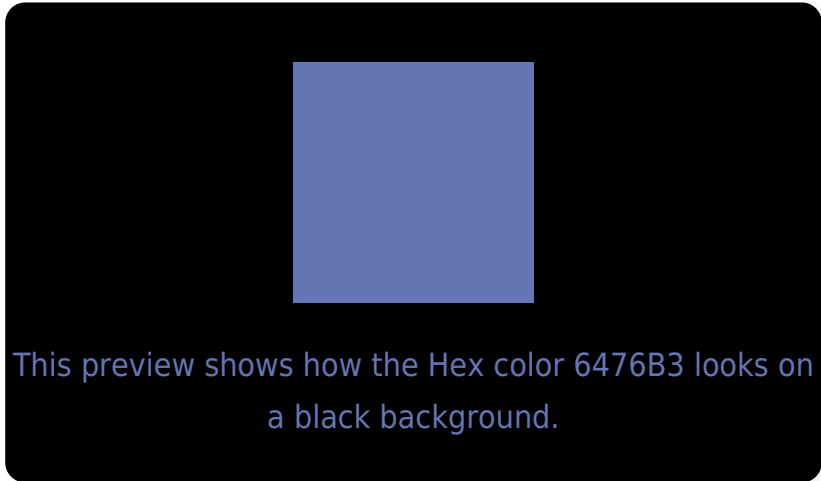
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

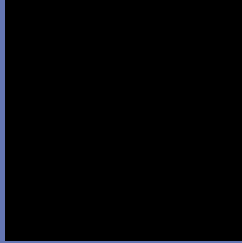
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

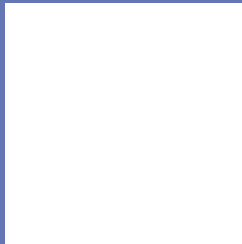
Any Text WCAG AAA × Fail

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

Hex 6476B3 Background



This preview shows how black text looks on a background with the Hex color 6476B3.



This preview shows how white text looks on a background with the Hex color 6476B3.

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
6476B3

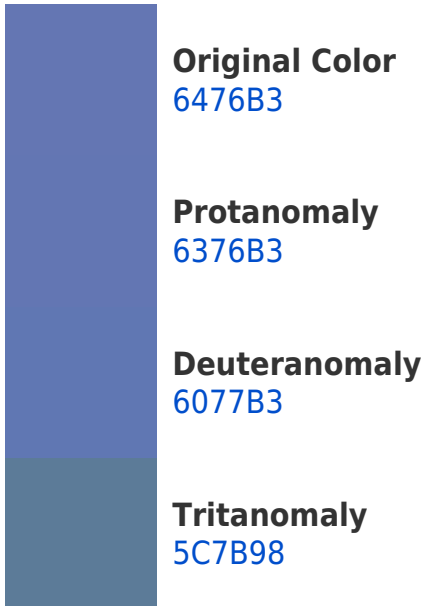
Protanopia
6376B3

Deuteranopia
5E77B3



Tritanopia
587E89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6476B3 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 #6476B3 looks like.

```
.text, #text, p{  
    color:#6476B3  
}
```

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 #6476B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6476B3
}
```

Border

The CSS property to change the border of an element to Hex 6476B3 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
#6476B3 }
```

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

```
.border{ border-color:#6476B3 }
```

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

Here you see how a box with a 4 pixel #6476B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6476B3; -webkit-box-shadow:4px 4px  
4px 4px #6476B3; box-shadow:4px 4px 4px  
4px #6476B3 }
```

Background

The CSS property to change the background color of an element to Hex 6476B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6476B3 }
```

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

```
.background{ background-color:#6476B3 }
```

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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