

Converting Colors

Hex(6464B6)

Have a look what the booklet for
Hex(6464B6) contains.

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Color

Hex(6464B6)

Conversions

Conversions Part 1

Format	Color
Hex	6464B6
RGB	100, 100, 182
RGB Percent	39%, 39%, 71%
CMY	0.6078, 0.6078, 0.2863
CMYK	0.45, 0.45, 0.00, 0.29
HSL	240°, 36%, 55%
HSV	240°, 45%, 71%
XYZ	18.2562, 15.2011, 46.2279
YIQ	109.3480, -26.3220, 25.5020

Conversions

Conversions Part 2

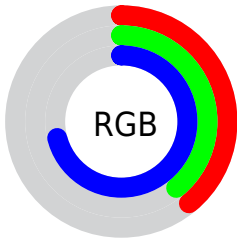
Format	Color
RYB	100, 100, 182
Decimal	6579382
CIELab	45.91, 21.64, -43.58
CIELCh	46, 48.657, 296.409
Yxy	15.2011, 0.2291, 0.1908
Android (android.graphics.Color)	4284769462 (0xFF6464B6)
YUV	109.3480, 35.8174, -8.1982
Hunter-Lab	38.9885, 15.3518, -43.0069

Details

The Hex color **6464B6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B6B664**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9B97EE**, and **2D3680** is the 20% darker color. If you saturate the color by 10%, you get **5252B6**, and if you desaturate by 10%, it is **7676B6**.

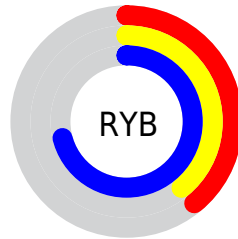
Distribution



Red (39%)

Green (39%)

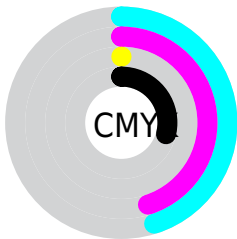
Blue (71%)



Red (39%)

Yellow (39%)

Blue (71%)

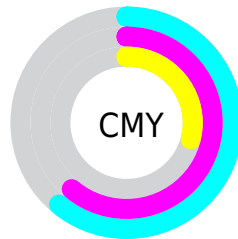


Cyan (45%)

Magenta (45%)

Yellow (0%)

Black (29%)



Cyan (61%)

Magenta (61%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6464B6 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 6464B6 by changing the saturation by 10% instead.

■ 6464B6

■ 6464B6

FFFFFF

■ 494C9B

■ 9B97EE

■ 2D3680

■ B7B1FF

■ 082067

■ D3CDFF

■ 000C4E

■ F1E9FF

■ 000237

■ 000220

■ 000005

■ 000000

■ 6464B6

■ 6464B6

■ 5252B6

■ 7676B6

■ 4040B6

■ 8888B6

■ 2D2DB6

■ 9B9BB6

■ 1B1BB6

■ ADADB6

■ 0909B6

■ BFBFB6

■ 0000B6

■ D1D1B6

■ E3E3B6

■ F6F6B6

■ FFFFB6

Harmonies

Analogous

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



0073BE



6464B6



99529A

Triad

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



6464B6



A45928



008066

Complementary

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



6464B6



B6B664

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.



247C3D



6464B6



866911

Square

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



6464B6



B54A4B



5E751C



008090

Rectangle

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



6464B6



AD4981



5E751C



007F58

Sweetspot

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



6464B6



CCCCED



64B6B6



636378



F7F7F7



787878

Same Dimension

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



6464B6



6D6DED



8D64B6



53535C



00009C



00001C

Inverse Universe

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



B664B6



ED6DED



8DB664



5C535C



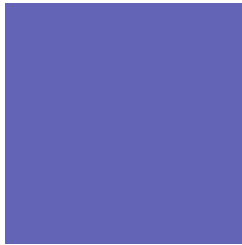
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 6464B6 looks on a white background.

Color Contrast Check

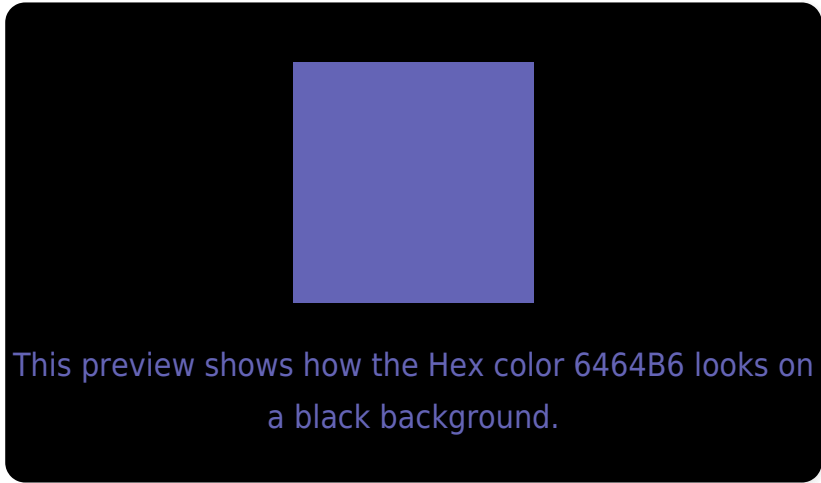
Large Text (above 18pt) WCAG AA ✓ Pass

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

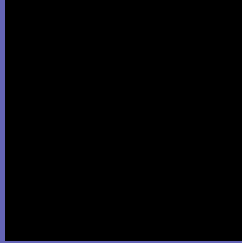
Any Text WCAG AA × Fail

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 6464B6 Background



This preview shows how black text looks on a background with the Hex color 6464B6.



This preview shows how white text looks on a background with the Hex color 6464B6.

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
6464B6

Protanopia
486ABC

Deuteranopia
3E6DB4



Tritanopia
54717B

Trichromacy



Original Color
6464B6

Protanomaly
5268BA

Deuteranomaly
4C6AB5

Tritanomaly
5A6C90

Monochromacy



Original Color
6464B6

Achromatopsia
6D6D6D

Achromatomaly
6A6A88

CSS Examples

Text

The CSS property to change the color of the text to Hex 6464B6 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 #6464B6 looks like.

```
.text, #text, p{  
    color:#6464B6  
}
```

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 #6464B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6464B6
}
```

Border

The CSS property to change the border of an element to Hex 6464B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

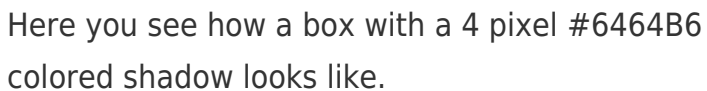
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6464B6 }
```

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

```
.border{ border-color:#6464B6 }
```

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



Here you see how a box with a 4 pixel #6464B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6464B6; -webkit-box-shadow:4px 4px  
4px 4px #6464B6; box-shadow:4px 4px 4px  
4px #6464B6 }
```

Background

The CSS property to change the background color of an element to Hex 6464B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6464B6 }
```

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

```
.background{ background-color:#6464B6 }
```

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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