

Converting Colors

Hex(6164B0)

Have a look what the booklet for
Hex(6164B0) contains.

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Color

Hex(6164B0)

Conversions

Conversions Part 1

Format	Color
Hex	6164B0
RGB	97, 100, 176
RGB Percent	38%, 39%, 69%
CMY	0.6196, 0.6078, 0.3098
CMYK	0.45, 0.43, 0.00, 0.31
HSL	238°, 33%, 54%
HSV	238°, 45%, 69%
XYZ	17.3234, 14.7903, 43.0161
YIQ	107.7670, -26.1840, 23.0000

Conversions

Conversions Part 2

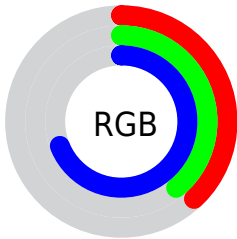
Format	Color
R _Y B	97, 100, 176
Decimal	6382768
CIE Lab	45.35, 19.07, -40.98
CIE LCh	45, 45.203, 294.949
Yxy	14.7903, 0.2306, 0.1969
Android (android.graphics.Color)	4284572848 (0xFF6164B0)
YUV	107.7670, 33.6389, -9.4427
Hunter-Lab	38.4582, 13.1031, -39.3960

Details

The Hex color **6164B0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0AD61**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9797E8**, and **2A367B** is the 20% darker color. If you saturate the color by 10%, you get **4F53B0**, and if you desaturate by 10%, it is **7375B0**.

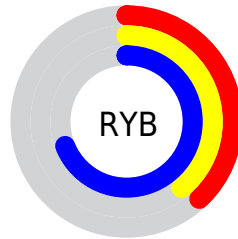
Distribution



Red (38%)

Green (39%)

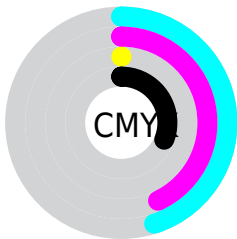
Blue (69%)



Red (38%)

Yellow (39%)

Blue (69%)

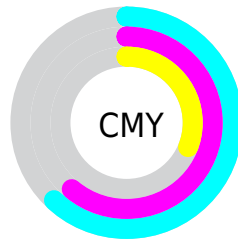


Cyan (45%)

Magenta (43%)

Yellow (0%)

Black (31%)



Cyan (62%)

Magenta (61%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6164B0 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 6164B0 by changing the saturation by 10% instead.

■ 6164B0

■ 6164B0

FFFFFF

■ 464C95

■ 9797E8

■ 2A367B

■ B3B1FF

■ 062162

■ D0CFFF

■ 000C49

■ EDE9FF

■ 000432

■ 00021C

■ 000000

■ 6164B0

■ 6164B0

■ 4F53B0

■ 7375B0

■ 3E42B0

■ 8486B0

■ 2C31B0

■ 9697B0

■ 1B20B0

■ A7A8B0

■ 090FB0

■ B9B9B0

■ 0007B0

■ CBCAB0

■ DCDBB0

■ EEEBB0

■ FFFCB0

Harmonies

Analogous

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



0071B6



6164B0



935497

Triad

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



6164B0



A0592E



007D63

Complementary

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



6164B0



B0AD61

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.



2F7A3E



6164B0



85671A

Square

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



6164B0



AF4B4E



607321



007D8A

Rectangle

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



6164B0



A64B80



607321



007C56

Sweetspot

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



6164B0



C8C9E6



61B0AC



606173



F2F2F2



737373

Same Dimension

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



6164B0



6A6EE6



8561B0



505159



000699



00011A

Inverse Universe

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



B06164



E66A6E



8CB061



595051



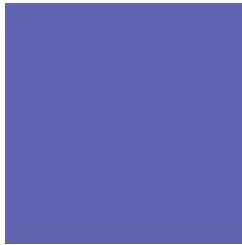
990006



1A0001

Previews

White Background



This preview shows how the Hex color 6164B0 looks on a white background.

Color Contrast Check

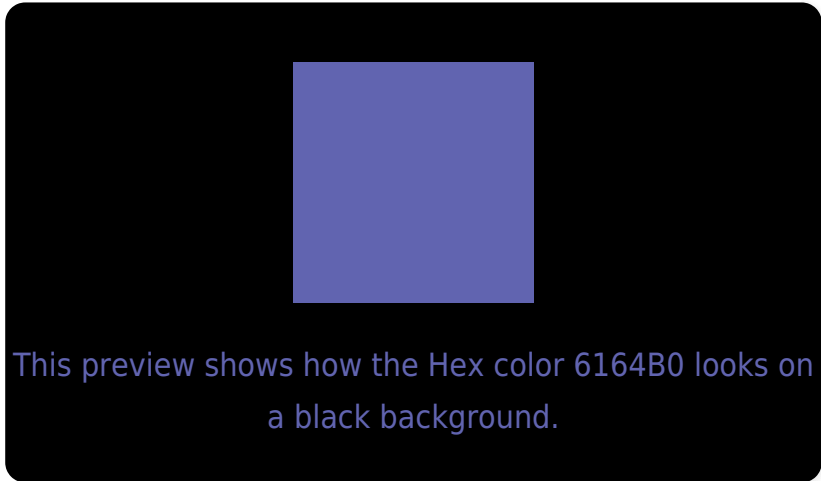
Large Text (above 18pt) WCAG AA ✓ Pass

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

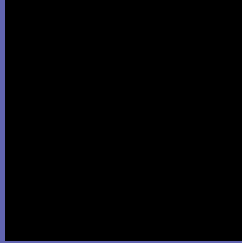
Any Text WCAG AA × Fail

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 6164B0 Background



This preview shows how black text looks on a background with the Hex color 6164B0.

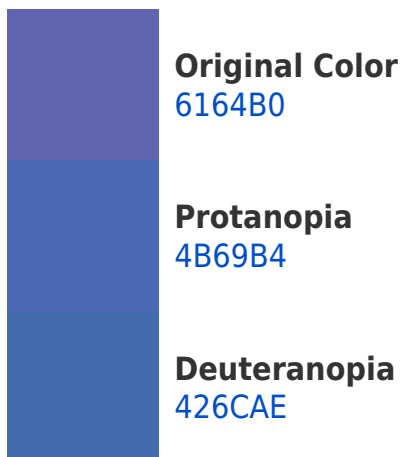


This preview shows how white text looks on a background with the Hex color 6164B0.

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](#).

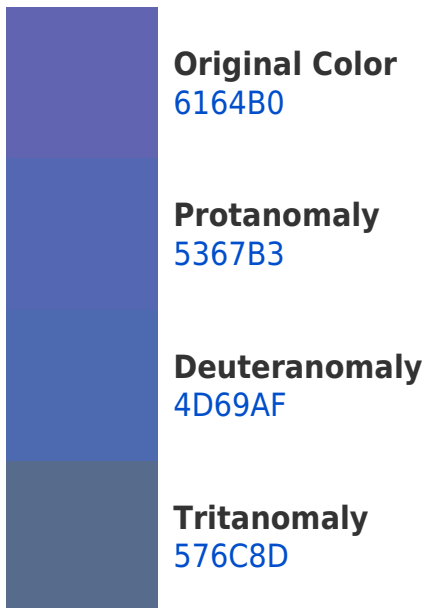
Dichromacy





Tritanopia
527079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6164B0 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 #6164B0 looks like.

```
.text, #text, p{  
    color:#6164B0  
}
```

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 #6164B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6164B0
}
```

Border

The CSS property to change the border of an element to Hex 6164B0 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".

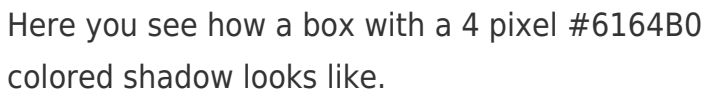
```
.border, #border, table{ border:4px solid
#6164B0 }
```

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

```
.border{ border-color:#6164B0 }
```

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

Here you see how a box with a 4 pixel #6164B0 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 #6164B0; -webkit-box-shadow:4px 4px  
4px 4px #6164B0; box-shadow:4px 4px 4px  
4px #6164B0 }
```

Background

The CSS property to change the background color of an element to Hex 6164B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6164B0 }
```

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

```
.background{ background-color:#6164B0 }
```

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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