

Converting Colors

Hex(6A48D4)

Have a look what the booklet for
Hex(6A48D4) contains.

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Color

Hex(6A48D4)

Conversions

Conversions Part 1

Format	Color
Hex	6A48D4
RGB	106, 72, 212
RGB Percent	42%, 28%, 83%
CMY	0.5843, 0.7176, 0.1686
CMYK	0.50, 0.66, 0.00, 0.17
HSL	255°, 62%, 56%
HSV	255°, 66%, 83%
XYZ	20.1449, 12.4524, 63.6291
YIQ	98.1260, -24.6760, 50.7480

Conversions

Conversions Part 2

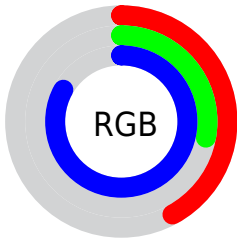
Format	Color
R_{YB}	106, 72, 212
Decimal	6965460
CIE _{Lab}	41.93, 48.43, -67.34
CIE _{LCh}	42, 82.944, 305.724
Yxy	12.4524, 0.2093, 0.1294
Android (android.graphics.Color)	4285155540 (0xFF6A48D4)
YUV	98.1260, 56.1399, 6.9055
Hunter-Lab	35.2879, 40.1468, -82.2068

Details

The Hex color **6A48D4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B2D448**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A57BFF**, and **29179C** is the 20% darker color. If you saturate the color by 10%, you get **5A33D4**, and if you desaturate by 10%, it is **7A5DD4**.

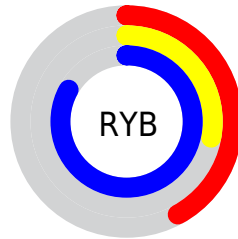
Distribution



Red (42%)

Green (28%)

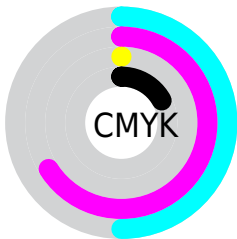
Blue (83%)



Red (42%)

Yellow (28%)

Blue (83%)

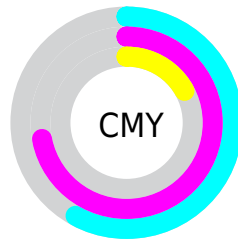


Cyan (50%)

Magenta (66%)

Yellow (0%)

Black (17%)



Cyan (58%)

Magenta (72%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A48D4 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 6A48D4 by changing the saturation by 10% instead.

■ 6A48D4

■ 6A48D4

FFFFFF

■ 4C30B8

■ A57BFF

■ 29179C

■ C295FF

■ 000081

■ E0B0FF

■ 000067

■ FFCCFF

■ 00004E

■ FFE9FF

■ 000536

■ 000220

■ 000004

■ 000000

■ 6A48D4

■ 6A48D4

■ 5A33D4

■ 7A5DD4

■ 4A1ED4

■ 8A72D4

■ 3A08D4

■ 9A88D4

■ 3300D4

■ AA9DD4

■ BAB2D4

■ CAC7D4

■ DADCD4

■ EAF2D4

■ FAFFD4

Harmonies

Analogous

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



0069EE



6A48D4



BA009D

Triad

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



6A48D4



A44800



007D6F

Complementary

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



6A48D4



B2D448

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.



007A24



6A48D4



6E6500

Square

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



6A48D4



C90015



157400



007EB2

Rectangle

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



6A48D4



D00070



157400



007D57

Sweetspot

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



6A48D4



D8CCFF



48B3D4



686180



000000



808080

Same Dimension

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



6A48D4



6636FF



AF48D4



63606B



2900AB



0B002B

Inverse Universe

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



D448B2



FF36CE



6DD448



6B6068



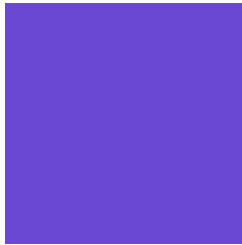
AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 6A48D4 looks on a white background.

Color Contrast Check

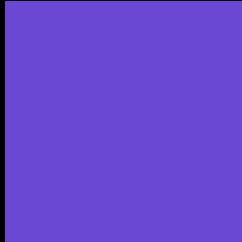
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6A48D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

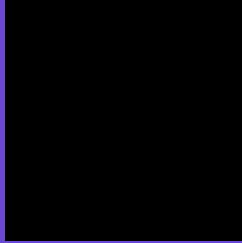
Any Text WCAG AA × Fail

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 6A48D4 Background



This preview shows how black text looks on a background with the Hex color 6A48D4.

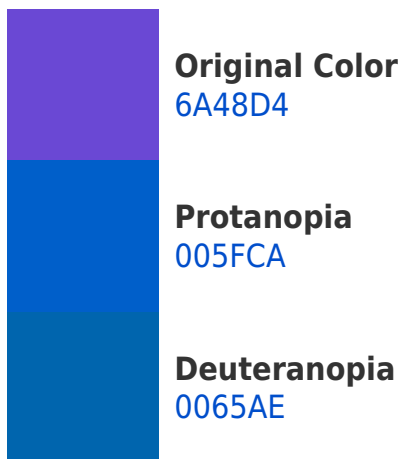



This preview shows how white text looks on a background with the Hex color 6A48D4.

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



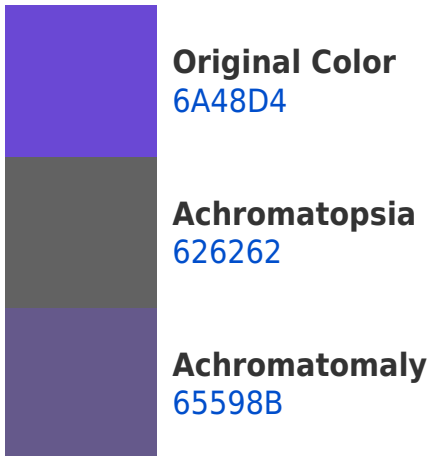


Tritanopia
4C676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A48D4 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 #6A48D4 looks like.

```
.text, #text, p{  
    color:#6A48D4  
}
```

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 #6A48D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A48D4
}
```

Border

The CSS property to change the border of an element to Hex 6A48D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

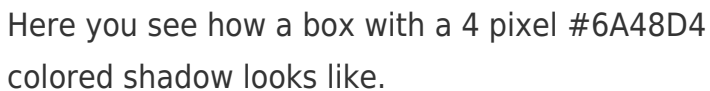
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A48D4 }
```

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

```
.border{ border-color:#6A48D4 }
```

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



Here you see how a box with a 4 pixel #6A48D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A48D4; -webkit-box-shadow:4px 4px  
4px 4px #6A48D4; box-shadow:4px 4px 4px  
4px #6A48D4 }
```

Background

The CSS property to change the background color of an element to Hex 6A48D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A48D4 }
```

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

```
.background{ background-color:#6A48D4 }
```

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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