

Converting Colors

Hex(6D64C6)

Have a look what the booklet for
Hex(6D64C6) contains.

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Color

Hex(6D64C6)

Conversions

Conversions Part 1

Format	Color
Hex	6D64C6
RGB	109, 100, 198
RGB Percent	43%, 39%, 78%
CMY	0.5725, 0.6078, 0.2235
CMYK	0.45, 0.49, 0.00, 0.22
HSL	246°, 46%, 58%
HSV	246°, 49%, 78%
XYZ	21.0569, 16.4428, 55.4900
YIQ	113.8630, -26.0940, 32.3860

Conversions

Conversions Part 2

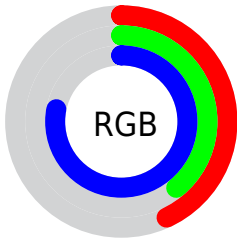
Format	Color
R _Y B	109, 100, 198
Decimal	7169222
CIE Lab	47.55, 28.62, -50.18
CIE LCh	48, 57.772, 299.697
Yxy	16.4428, 0.2264, 0.1768
Android (android.graphics.Color)	4285359302 (0xFF6D64C6)
YUV	113.8630, 41.4795, -4.2649
Hunter-Lab	40.5497, 21.7306, -52.7504

Details

The Hex color **6D64C6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BDC664**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A597FF**, and **34358F** is the 20% darker color. If you saturate the color by 10%, you get **5B50C6**, and if you desaturate by 10%, it is **7F78C6**.

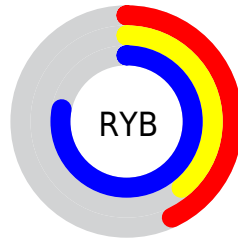
Distribution



Red (43%)

Green (39%)

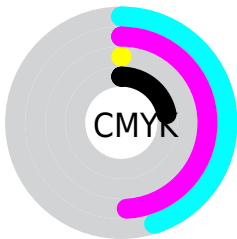
Blue (78%)



Red (43%)

Yellow (39%)

Blue (78%)

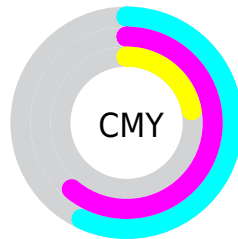


Cyan (45%)

Magenta (49%)

Yellow (0%)

Black (22%)



Cyan (57%)

Magenta (61%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D64C6 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 6D64C6 by changing the saturation by 10% instead.

■ 6D64C6

■ 6D64C6

FFFFFF

■ 514CAA

■ A597FF

■ 34358F

■ C2B2FF

■ 102075

■ DFCDFE

■ 000C5C

■ FCEAFF

■ 000044

■ 00032C

■ 000117

■ 000000

■ 6D64C6

■ 6D64C6

■ 5B50C6

■ 7F78C6

■ 493CC6

■ 918CC6

■ 3729C6

■ A39FC6

■ 2515C6

■ B5B3C6

■ 1301C6

■ C7C7C6

■ 1200C6

■ D9DBC6

■ EBEFC6

■ FDFFC6

■ FFFFC6

Harmonies

Analogous

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



0077D3



6D64C6



AA4DA3

Triad

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



6D64C6



AD5B17



00876F

Complementary

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



6D64C6



BDC664

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.



00833D



6D64C6



886E00

Square

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



6D64C6



C44644



587C09



0087A0

Rectangle

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



6D64C6



BF4084



587C09



00865E

Sweetspot

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



6D64C6



DCD9FF



64BEC6



6B6980



000000



808080

Same Dimension

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



6D64C6



7669FF



9D64C6



5A5A63



0F00A3



030024

Inverse Universe

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



C664BD



FF69F1



8DC664



635A63



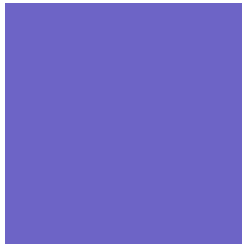
A30094



240020

Previews

White Background



This preview shows how the Hex color 6D64C6 looks on a white background.

Color Contrast Check

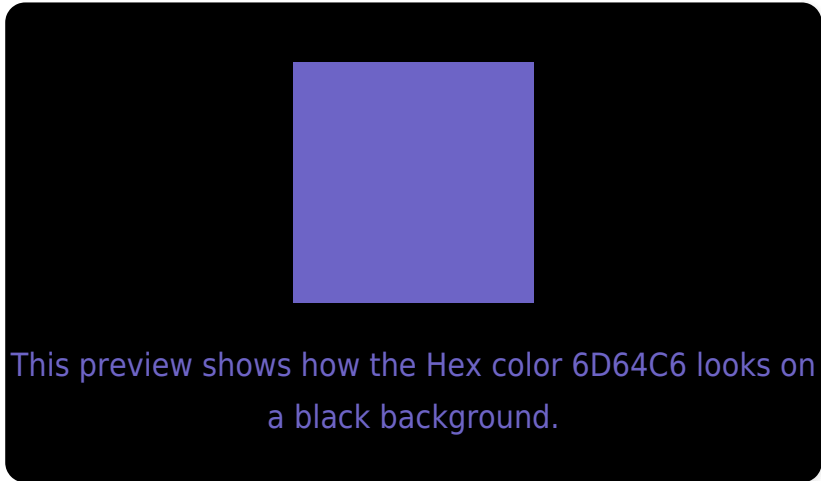
Large Text (above 18pt) WCAG AA ✓ Pass

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

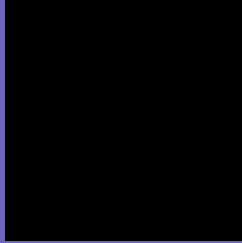
Any Text WCAG AA × Fail

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 6D64C6 Background



This preview shows how black text looks on a background with the Hex color 6D64C6.



This preview shows how white text looks on a background with the Hex color 6D64C6.

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
6D64C6

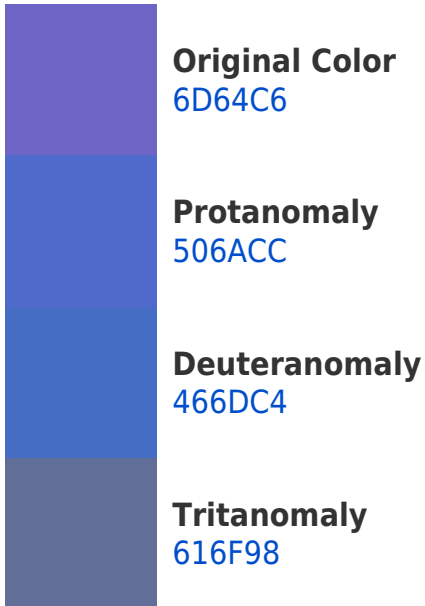
Protanopia
3F6DCF

Deuteranopia
3072C3



Tritanopia
5A757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D64C6 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 #6D64C6 looks like.

```
.text, #text, p{  
    color:#6D64C6  
}
```

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 #6D64C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D64C6
}
```

Border

The CSS property to change the border of an element to Hex 6D64C6 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
#6D64C6 }
```

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

```
.border{ border-color:#6D64C6 }
```

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

Here you see how a box with a 4 pixel #6D64C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D64C6; -webkit-box-shadow:4px 4px  
4px 4px #6D64C6; box-shadow:4px 4px 4px  
4px #6D64C6 }
```

Background

The CSS property to change the background color of an element to Hex 6D64C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D64C6 }
```

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

```
.background{ background-color:#6D64C6 }
```

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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