

Converting Colors

Hex(6D0D6B)

Have a look what the booklet for
Hex(6D0D6B) contains.

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Color

Hex(6D0D6B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6D0D6B |
| RGB | 109, 13, 107 |
| RGB Percent | 43%, 5%, 42% |
| CMY | 0.5725, 0.9490, 0.5804 |
| CMYK | 0.00, 0.88, 0.02, 0.57 |
| HSL | 301°, 79%, 24% |
| HSV | 301°, 88%, 43% |
| XYZ | 9.1044, 4.6006, 14.3181 |
| YIQ | 52.4200, 27.0420, 49.5860 |

Conversions

Conversions Part 2

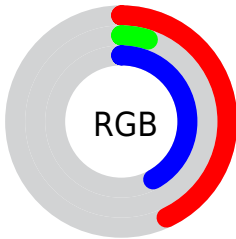
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 109, 13, 107 |
| Decimal | 7146859 |
| CIE _{Lab} | 25.57, 49.61, -30.04 |
| CIE _{LCh} | 26, 58.000, 328.807 |
| Yxy | 4.6006, 0.3249, 0.1642 |
| Android (android.graphics.Color) | 4285336939 (0xFF6D0D6B) |
| YUV | 52.4200, 26.9079, 49.6207 |
| Hunter-Lab | 21.4490, 38.2320, -24.5642 |

Details

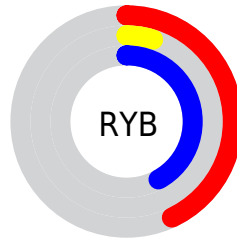
The Hex color **6D0D6B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0D6D0F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A4489F**, and **39003B** is the 20% darker color. If you saturate the color by 10%, you get **6D026B**, and if you desaturate by 10%, it is **6D186B**.

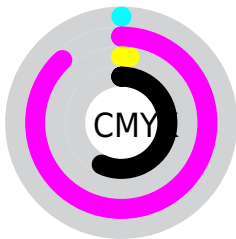
Distribution



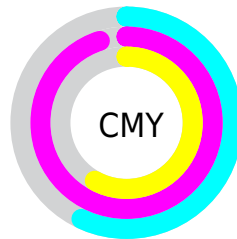
- Red (43%)
- Green (5%)
- Blue (42%)



- Red (43%)
- Yellow (5%)
- Blue (42%)



- Cyan (0%)
- Magenta (88%)
- Yellow (2%)
- Black (57%)



- Cyan (57%)
- Magenta (95%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D0D6B 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 6D0D6B by changing the saturation by 10% instead.

6D0D6B

6D0D6B

FFFFFF

530052

A4489F

39003B

C062BA

220025

DC7DD6

00000C

FA98F2

000000

FFB4FF

FFD0FF

FFEDFF

6D0D6B

6D0D6B

■ 6D026B

■ 6D186B

■ 6D006B

■ 6D236B

■ 6D2E6C

■ 6D396C

■ 6D436C

■ 6D4E6C

■ 6D596D

■ 6D646D

■ 6D6F6D

Harmonies

Analogous

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



2A318B



6D0D6B



840040

Triad

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



6D0D6B



4D3B00



004E66

Complementary

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



6D0D6B



0D6D0F

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.



004D3A



6D0D6B



204600

Square

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



6D0D6B



6E2500



004B06



004C89

Rectangle

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



6D0D6B



850024



004B06



004E58

Sweetspot

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



6D0D6B



8F6A8E



0F0D6D



473147



C7C7C7



474747

Same Dimension

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



6D0D6B



8F008C



6D0D3B



363035



750073



F500F0

Inverse Universe

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



6D0D6B



8F008C



0D6D3F



363035



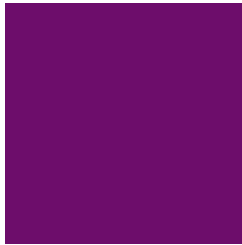
750073



F500F0

Previews

White Background



This preview shows how the Hex color 6D0D6B looks on a white background.

Color Contrast Check

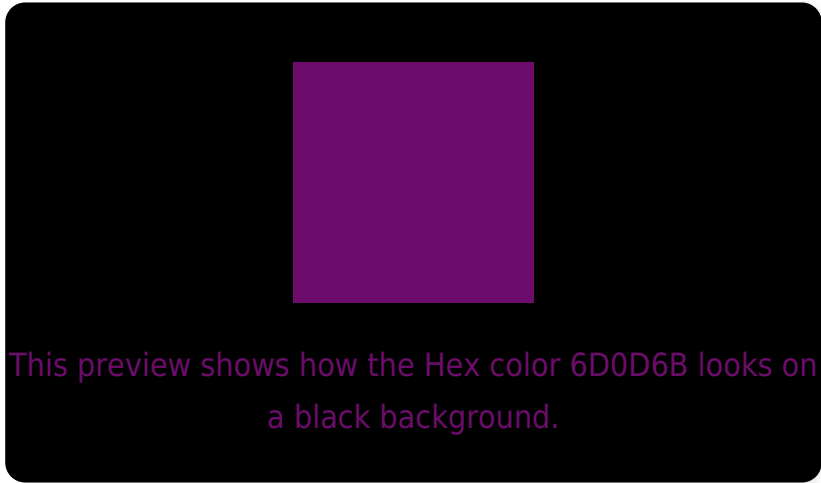
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

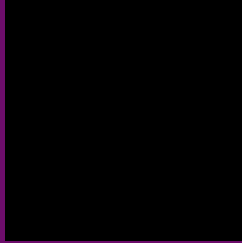
Any Text WCAG AA × Fail

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 6D0D6B Background



This preview shows how black text looks on a background with the Hex color 6D0D6B.



This preview shows how white text looks on a background with the Hex color 6D0D6B.

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
672B2E

Trichromacy



Original Color
6D0D6B



Protanomaly
282C78



Deuteranomaly
422D67



Tritanomaly
692044

Monochromacy



Original Color
6D0D6B



Achromatopsia
343434



Achromatomaly
492648

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D0D6B 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 #6D0D6B looks like.

```
.text, #text, p{  
    color:#6D0D6B  
}
```

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 #6D0D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0D6B
}
```

Border

The CSS property to change the border of an element to Hex 6D0D6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

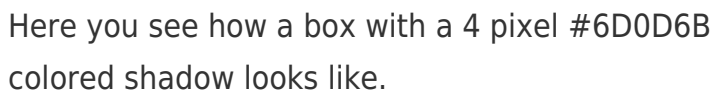
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D0D6B }
```

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

```
.border{ border-color:#6D0D6B }
```

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



Here you see how a box with a 4 pixel #6D0D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0D6B; -webkit-box-shadow:4px 4px  
4px 4px #6D0D6B; box-shadow:4px 4px 4px  
4px #6D0D6B }
```

Background

The CSS property to change the background color of an element to Hex 6D0D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0D6B }
```

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

```
.background{ background-color:#6D0D6B }
```

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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