

Converting Colors

Hex(6D4066)

Have a look what the booklet for
Hex(6D4066) contains.

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Color

Hex(6D4066)

Conversions

Conversions Part 1

Format	Color
Hex	6D4066
RGB	109, 64, 102
RGB Percent	43%, 25%, 40%
CMY	0.5725, 0.7490, 0.6000
CMYK	0.00, 0.41, 0.06, 0.57
HSL	309°, 26%, 34%
HSV	309°, 41%, 43%
XYZ	10.5383, 7.8773, 13.5354
YIQ	81.7870, 14.6220, 21.3580

Conversions

Conversions Part 2

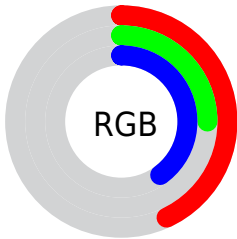
Format	Color
R_{YB}	109, 64, 102
Decimal	7159910
CIE _{Lab}	33.73, 25.87, -14.08
CIE _{LCh}	34, 29.453, 331.438
Yxy	7.8773, 0.3298, 0.2465
Android (android.graphics.Color)	4285349990 (0xFF6D4066)
YUV	81.7870, 9.9650, 23.8658
Hunter-Lab	28.0665, 17.9062, -8.9467

Details

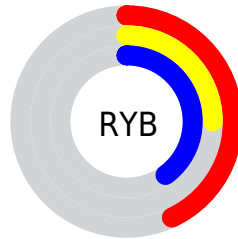
The Hex color **6D4066** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **406D47**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A17199**, and **3C1237** is the 20% darker color. If you saturate the color by 10%, you get **6D3564**, and if you desaturate by 10%, it is **6D4B68**.

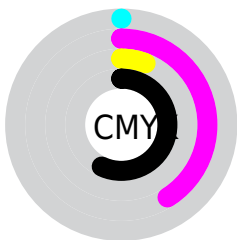
Distribution



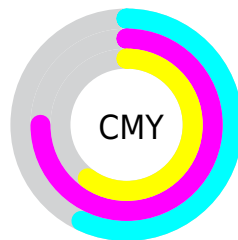
- Red (43%)
- Green (25%)
- Blue (40%)



- Red (43%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (57%)



- Cyan (57%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D4066 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 6D4066 by changing the saturation by 10% instead.

 6D4066

 6D4066

FFFFFF

 54294E

 A17199

 3C1237

 BD8BB4

 260022

 D9A5CF

 000008

 F6C1EC

 000000

 FFDDFF

 FFF9FF

 6D4066

 6D4066

 6D3564

 6D4B68

6D2A63

6D5669

6D1F61

6D616B

6D145F

6D6C6D

6D0A5E

6D776E

6D005C

6D8170

6D8C72

6D9774

6DA275

Harmonies

Analogous

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



524977



6D4066



7A3C4F

Triad

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



6D4066



5C4E1F



005B67

Complementary

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



6D4066



406D47

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.



005B50



6D4066



445526

Square

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



6D4066



6F4627



255938



005878

Rectangle

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



6D4066



7B3D40



255938



005B60

Sweetspot

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



6D4066



8F7E8C



47406D



473D46



C7C7C7



474747

Same Dimension

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



6D4066



8F4784



6D4050



363035



750063



F500CF

Inverse Universe

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



6D4066



8F4784



406D5D



363035



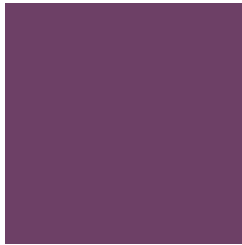
750063



F500CF

Previews

White Background



This preview shows how the Hex color 6D4066 looks on a white background.

Color Contrast Check

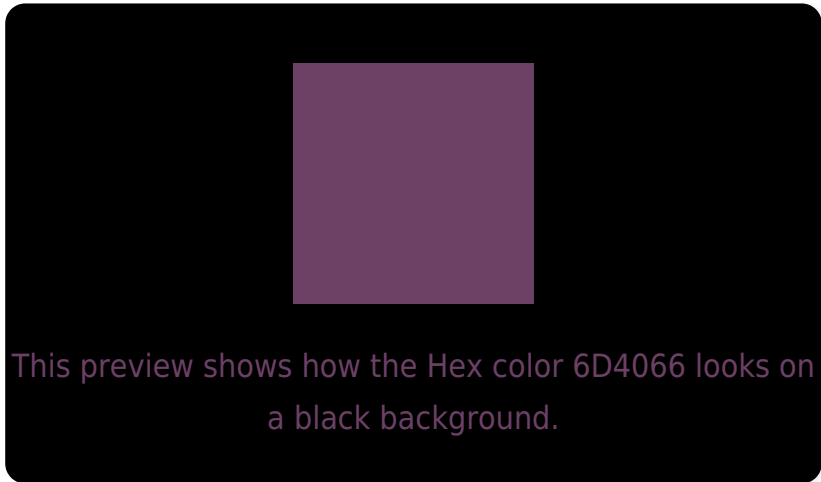
Large Text (above 18pt) WCAG AA ✓ Pass

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

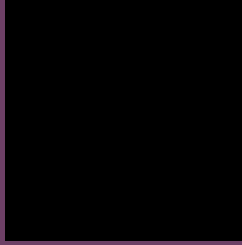
Any Text WCAG AA × Fail

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 6D4066 Background



This preview shows how black text looks on a background with the Hex color 6D4066.



This preview shows how white text looks on a background with the Hex color 6D4066.

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
6D4066

Protanopia
454F71

Deuteranopia
4D4E63



Tritanopia
6A464B

Trichromacy



Original Color
6D4066

Protanomaly
544A6D

Deuteranomaly
594964

Tritanomaly
6B4455

Monochromacy



Original Color
6D4066

Achromatopsia
525252

Achromatomaly
5C4B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D4066 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 #6D4066 looks like.

```
.text, #text, p{  
    color:#6D4066  
}
```

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 #6D4066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4066  
}
```

Border

The CSS property to change the border of an element to Hex 6D4066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

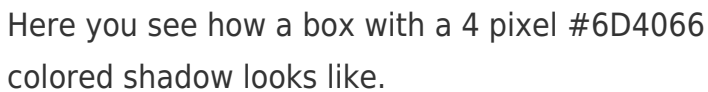
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6D4066 }
```

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

```
.border{ border-color:#6D4066 }
```

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



Here you see how a box with a 4 pixel #6D4066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4066; -webkit-box-shadow:4px 4px  
4px 4px #6D4066; box-shadow:4px 4px 4px  
4px #6D4066 }
```

Background

The CSS property to change the background color of an element to Hex 6D4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4066 }
```

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

```
.background{ background-color:#6D4066 }
```

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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