

Converting Colors

Hex(6D3066)

Have a look what the booklet for
Hex(6D3066) contains.

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Color

Hex(6D3066)

Conversions

Conversions Part 1

Format	Color
Hex	6D3066
RGB	109, 48, 102
RGB Percent	43%, 19%, 40%
CMY	0.5725, 0.8118, 0.6000
CMYK	0.00, 0.56, 0.06, 0.57
HSL	307°, 39%, 31%
HSV	307°, 56%, 43%
XYZ	9.7619, 6.3244, 13.2766
YIQ	72.3950, 19.0220, 29.7260

Conversions

Conversions Part 2

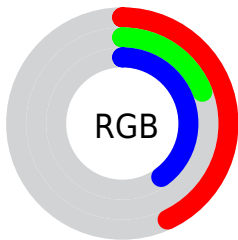
Format	Color
R_{YB}	109, 48, 102
Decimal	7155814
CIE _{Lab}	30.22, 34.94, -19.49
CIE _{LCh}	30, 40.013, 330.847
Yxy	6.3244, 0.3325, 0.2154
Android (android.graphics.Color)	4285345894 (0xFF6D3066)
YUV	72.3950, 14.5953, 32.1026
Hunter-Lab	25.1484, 25.2789, -13.6971

Details

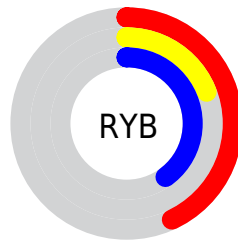
The Hex color **6D3066** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **306D37**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A26199**, and **3B0037** is the 20% darker color. If you saturate the color by 10%, you get **6D2565**, and if you desaturate by 10%, it is **6D3B67**.

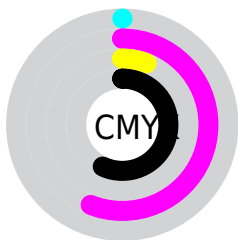
Distribution



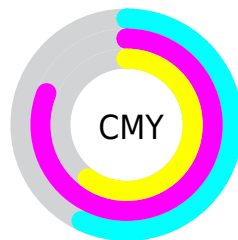
- Red (43%)
- Green (19%)
- Blue (40%)



- Red (43%)
- Yellow (19%)
- Blue (40%)



- Cyan (0%)
- Magenta (56%)
- Yellow (6%)
- Black (57%)



- Cyan (57%)
- Magenta (81%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3066 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 6D3066 by changing the saturation by 10% instead.

 6D3066

 6D3066

FFFFFF

 54174E

 A26199

 3B0037

 BE7BB4

 280022

 DA95D0

 000006

 F7B0EC

 000000

 FFCCFF

 FFE9FF

 6D3066

 6D3066

 6D2565

 6D3B67

6D1A63

6D4669

6D0F62

6D516A

6D0461

6D5C6B

6D0060

6D676C

6D716E

6D7C6F

6D8770

6D9271

Harmonies

Analogous

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



473E7D



6D3066



7D2748

Triad

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



6D3066



554600



005566

Complementary

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



6D3066



306D37

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.



005547



6D3066



364E0A

Square

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



6D3066



6E3A0E



005327



00527D

Rectangle

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



6D3066



7E2933



005327



00565C

Sweetspot

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



6D3066



8F778C



36306D



473946



C7C7C7



474747

Same Dimension

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



6D3066



8F2F84



6D3048



363035



750068



F500D9

Inverse Universe

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



6D3066



8F2F84



306D55



363035



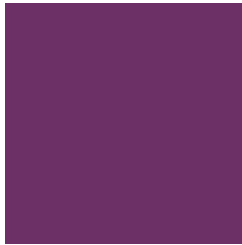
750068



F500D9

Previews

White Background



This preview shows how the Hex color 6D3066 looks on a white background.

Color Contrast Check

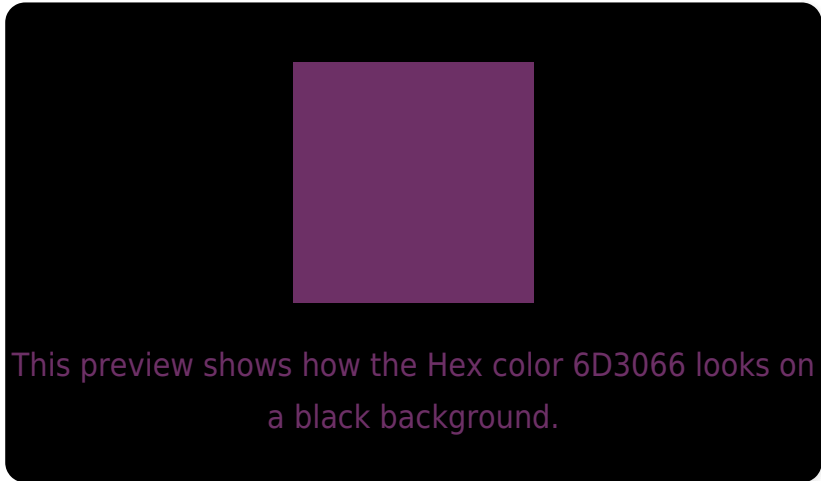
Large Text (above 18pt) WCAG AA ✓ Pass

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

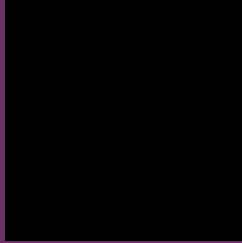
Any Text WCAG AA × Fail

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 6D3066 Background



This preview shows how black text looks on a background with the Hex color 6D3066.



This preview shows how white text looks on a background with the Hex color 6D3066.

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
6D3066

Protanopia
334679

Deuteranopia
404762



Tritanopia
693A3E

Trichromacy



Original Color
6D3066

Protanomaly
483E72

Deuteranomaly
503F63

Tritanomaly
6A364D

Monochromacy



Original Color
6D3066

Achromatopsia
484848

Achromatomaly
553F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3066 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 #6D3066 looks like.

```
.text, #text, p{  
    color:#6D3066  
}
```

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 #6D3066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3066
}
```

Border

The CSS property to change the border of an element to Hex 6D3066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

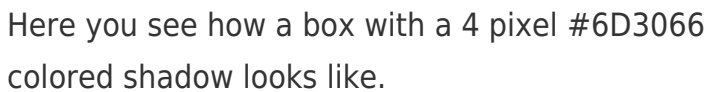
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3066 }
```

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

```
.border{ border-color:#6D3066 }
```

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



Here you see how a box with a 4 pixel #6D3066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3066; -webkit-box-shadow:4px 4px  
4px 4px #6D3066; box-shadow:4px 4px 4px  
4px #6D3066 }
```

Background

The CSS property to change the background color of an element to Hex 6D3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3066 }
```

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

```
.background{ background-color:#6D3066 }
```

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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