

Converting Colors

Hex(6A0D3D)

Have a look what the booklet for
Hex(6A0D3D) contains.

Hex(6A0D3D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A0D3D)

Conversions

Conversions Part 1

Format	Color
Hex	6A0D3D
RGB	106, 13, 61
RGB Percent	42%, 5%, 24%
CMY	0.5843, 0.9490, 0.7608
CMYK	0.00, 0.88, 0.42, 0.58
HSL	329°, 78%, 23%
HSV	329°, 88%, 42%
XYZ	6.9301, 3.6889, 4.7617
YIQ	46.2790, 40.0200, 34.6440

Conversions

Conversions Part 2

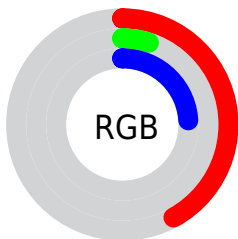
Format	Color
RYB	106, 13, 61
Decimal	6950205
CIELab	22.62, 42.44, -3.89
CIELCh	23, 42.616, 354.769
Yxy	3.6889, 0.4506, 0.2398
Android (android.graphics.Color)	4285140285 (0xFF6A0D3D)
YUV	46.2790, 7.2575, 52.3753
Hunter-Lab	19.2066, 30.7944, -1.2544




Details

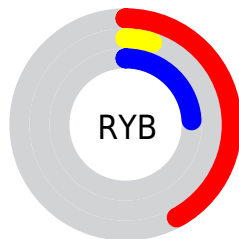
The Hex color **6A0D3D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0D6A3A**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **A1456C**, and **370013** is the 20% darker color. If you saturate the color by 10%, you get **6A0238**, and if you desaturate by 10%, it is **6A1842**.

Distribution







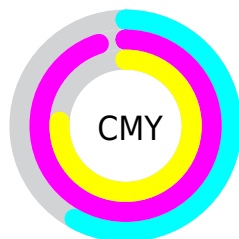
-  Red (42%)
-  Green (5%)
-  Blue (24%)






-  Red (42%)
-  Yellow (5%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (88%)
-  Yellow (42%)
-  Black (58%)



-  Cyan (58%)
-  Magenta (95%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0D3D 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 6A0D3D by changing the saturation by 10% instead.

6A0D3D

6A0D3D

FFFFFF

4F0027

A1456C

370013

BD5F86

170000

DA79A0

000000

F894BB

FFAFD6

FFCBF3

FFE8FF

6A0D3D

6A0D3D

■ 6A0238

■ 6A1842

■ 6A0037

■ 6A2247

■ 6A2D4C

■ 6A3752

■ 6A4257

■ 6A4D5C

■ 6A5761

■ 6A6266

■ 6A6C6B

Harmonies

Analogous

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



561F5B



6A0D3D



6B121E

Triad

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



6A0D3D



2B3C00



00426A

Complementary

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



6A0D3D



0D6A3A

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.



004450



6A0D3D



00410D

Square

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



6A0D3D



483300



00432F



003C76

Rectangle

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



6A0D3D



641F08



00432F



004362

Sweetspot

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



6A0D3D



8A6678



3A0D6A



45303B



C4C4C4



454545

Same Dimension

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



6A0D3D



8A0047



6A0D0F



363033



75003D



F5007E

Inverse Universe

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



6A0D3D



8A0047



0D6A68



363033



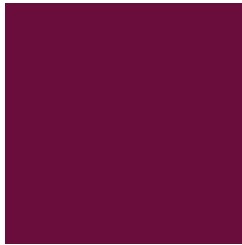
75003D



F5007E

Previews

White Background



This preview shows how the Hex color 6A0D3D looks on a white background.

Color Contrast Check

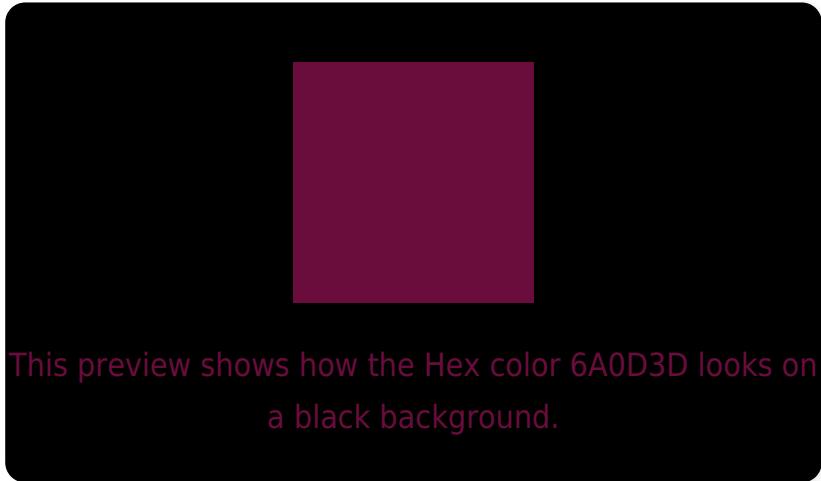
Large Text (above 18pt) WCAG AA ✓ Pass

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

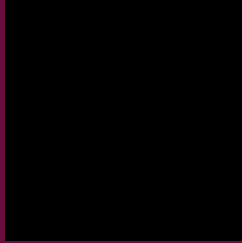
Any Text WCAG AA × Fail

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 6A0D3D Background



This preview shows how black text looks on a background with the Hex color 6A0D3D.



This preview shows how white text looks on a background with the Hex color 6A0D3D.

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
6A0D3D

Protanopia
2E3856

Deuteranopia
3E3739



Tritanopia
681A1B

Trichromacy



Original Color
6A0D3D

Protanomaly
44284D

Deuteranomaly
4E283A

Tritanomaly
691527

Monochromacy



Original Color
6A0D3D

Achromatopsia
2E2E2E

Achromatomaly
442233

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0D3D 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 #6A0D3D looks like.

```
.text, #text, p{  
    color:#6A0D3D  
}
```

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 #6A0D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0D3D
}
```

Border

The CSS property to change the border of an element to Hex 6A0D3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

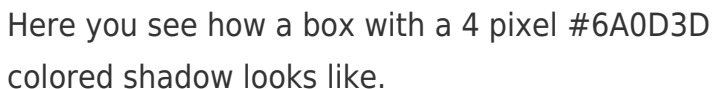
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A0D3D }
```

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

```
.border{ border-color:#6A0D3D }
```

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



Here you see how a box with a 4 pixel #6A0D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0D3D; -webkit-box-shadow:4px 4px  
4px 4px #6A0D3D; box-shadow:4px 4px 4px  
4px #6A0D3D }
```

Background

The CSS property to change the background color of an element to Hex 6A0D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0D3D }
```

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

```
.background{ background-color:#6A0D3D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor