

Converting Colors

Hex(6D023D)

Have a look what the booklet for
Hex(6D023D) contains.

Hex(6D023D)	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(6D023D)

Conversions

Conversions Part 1

Format	Color
Hex	6D023D
RGB	109, 2, 61
RGB Percent	43%, 1%, 24%
CMY	0.5725, 0.9922, 0.7608
CMYK	0.00, 0.98, 0.44, 0.57
HSL	327°, 96%, 22%
HSV	327°, 98%, 43%
XYZ	7.1707, 3.6315, 4.7379
YIQ	40.7190, 44.8330, 41.0330

Conversions

Conversions Part 2

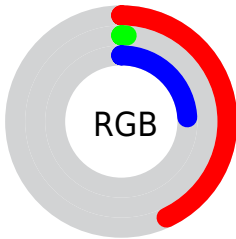
Format	Color
R_{YB}	109, 2, 61
Decimal	7143997
CIE Lab	22.41, 45.70, -4.11
CIE LCh	22, 45.881, 354.854
Yxy	3.6315, 0.4614, 0.2337
Android (android.graphics.Color)	4285334077 (0xFF6D023D)
YUV	40.7190, 9.9985, 59.8824
Hunter-Lab	19.0566, 33.8175, -1.4012

Details

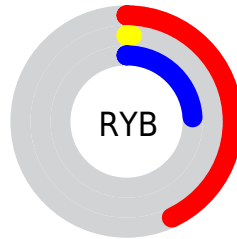
The Hex color **6D023D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **026D32**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **A5416C**, and **390013** is the 20% darker color. If you saturate the color by 10%, you get **6D003C**, and if you desaturate by 10%, it is **6D0D42**.

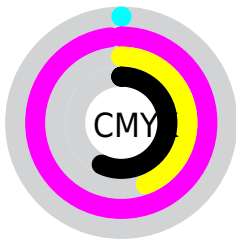
Distribution



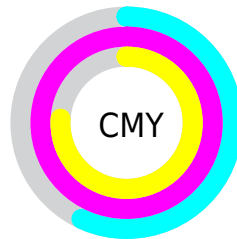
- Red (43%)
- Green (1%)
- Blue (24%)



- Red (43%)
- Yellow (1%)
- Blue (24%)



- Cyan (0%)
- Magenta (98%)
- Yellow (44%)
- Black (57%)



- Cyan (57%)
- Magenta (99%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D023D 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 6D023D by changing the saturation by 10% instead.

6D023D

6D023D

FFFFFF

520027

A5416C

390013

C15B86

1A0001

DE75A0

000000

FC90BB

FFACD6

FFC8F3

FFE4FF

6D023D

6D023D

■ 6D003C

■ 6D0D42

■ 6D1847

■ 6D234C

■ 6D2E51

■ 6D3955

■ 6D435A

■ 6D4E5F

■ 6D5964

■ 6D6469

Harmonies

Analogous

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



581B5D



6D023D



6E0A1B

Triad

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



6D023D



283C00



00426D

Complementary

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



6D023D



026D32

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.



004452



6D023D



004108

Square

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



6D023D



483200



00432E



003C7A

Rectangle

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



6D023D



661B02



00432E



004365

Sweetspot

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



6D023D



8F657C



30026D



472E3C



C7C7C7



474747

Same Dimension

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



6D023D



8F004F



6D0209



363033



750041



F50087

Inverse Universe

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



6D023D



8F004F



026D66



363033



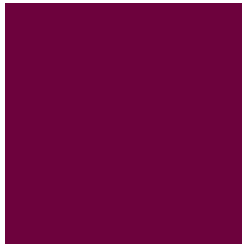
750041



F50087

Previews

White Background



This preview shows how the Hex color 6D023D 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

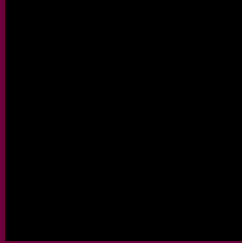
Any Text WCAG AA × Fail

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 6D023D Background



This preview shows how black text looks on a background with the Hex color 6D023D.



This preview shows how white text looks on a background with the Hex color 6D023D.

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
6D023D

Protanopia
2E3858

Deuteranopia
3F3738



Tritanopia
6B1819

Trichromacy



Original Color
6D023D

Protanomaly
45244E

Deuteranomaly
50243A

Tritanomaly
6C1026

Monochromacy



Original Color
6D023D

Achromatopsia
292929

Achromatomaly
421B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D023D 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 #6D023D looks like.

```
.text, #text, p{  
    color:#6D023D  
}
```

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 #6D023D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D023D
}
```

Border

The CSS property to change the border of an element to Hex 6D023D 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
#6D023D }
```

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

```
.border{ border-color:#6D023D }
```

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

Here you see how a box with a 4 pixel #6D023D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D023D; -webkit-box-shadow:4px 4px  
4px 4px #6D023D; box-shadow:4px 4px 4px  
4px #6D023D }
```

Background

The CSS property to change the background color of an element to Hex 6D023D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D023D }
```

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

```
.background{ background-color:#6D023D }
```

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