

Converting Colors

Hex(6D0023)

Have a look what the booklet for
Hex(6D0023) contains.

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Color

Hex(6D0023)

Conversions

Conversions Part 1

Format	Color
Hex	6D0023
RGB	109, 0, 35
RGB Percent	43%, 0%, 14%
CMY	0.5725, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.68, 0.57
HSL	341°, 100%, 21%
HSV	341°, 100%, 43%
XYZ	6.6100, 3.3726, 1.8927
YIQ	36.5810, 53.7290, 33.9930

Conversions

Conversions Part 2

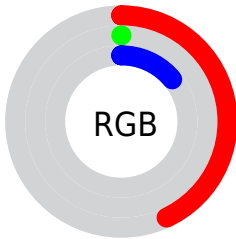
Format	Color
RYB	109, 0, 35
Decimal	7143459
CIELab	21.48, 44.07, 12.81
CIELCh	21, 45.897, 16.205
Yxy	3.3726, 0.5566, 0.2840
Android (android.graphics.Color)	4285333539 (0xFF6D0023)
YUV	36.5810, -0.7794, 63.5115
Hunter-Lab	18.3645, 32.1106, 6.7446

Details

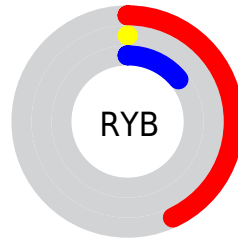
The Hex color **6D0023** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006D4A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **A63E4F**, and **380001** is the 20% darker color. If you saturate the color by 10%, you get **6D0023**, and if you desaturate by 10%, it is **6D0B2A**.

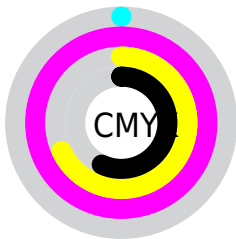
Distribution



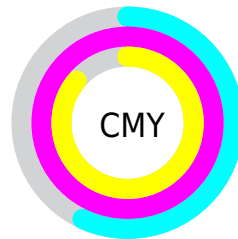
- Red (43%)
- Green (0%)
- Blue (14%)



- Red (43%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6D0023 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 6D0023 by changing the saturation by 10% instead.

 6D0023

 6D0023

FFFFFF


 51000E

 A63E4F

 380001

 C35867

 110000

 E17380

 000000

 FF8E9A

 FFA9B5

 FFC5D0

 FFE2EC

 6D0023

 6D0B2A

 6D1632

 6D2139

 6D2C41

 6D3748

 6D414F

 6D4C57

 6D575E

 6D6266

Harmonies

Analogous

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



670445



6D0023



631A00

Triad

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



6D0023



003E00



003C76

Complementary

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



6D0023



006D4A

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.



004164



6D0023



004122

Square

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



6D0023



303800



004246



003276

Rectangle

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



6D0023



562700



004246



003E72

Sweetspot

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



6D0023



8F6472



49006D



472E36



C7C7C7



474747

Same Dimension

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



6D0023



8F002E



6D1200



363032



750026



F5004F

Inverse Universe

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



6D0023



8F002E



005B6D



363032



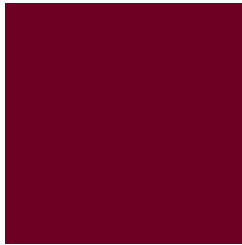
750026



F5004F

Previews

White Background



This preview shows how the Hex color 6D0023 looks on a white background.

Color Contrast Check

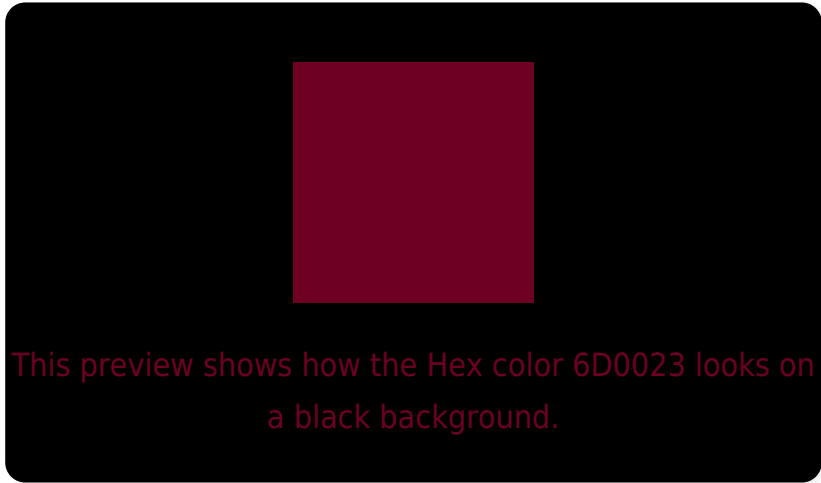
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D0023 Background



This preview shows how black text looks on a background with the Hex color 6D0023.



This preview shows how white text looks on a background with the Hex color 6D0023.

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
6D0023

Protanopia
3A3734

Deuteranopia
44351E

Trichromacy



Original Color
6D0023

Protanomaly
4D232E

Deuteranomaly
532220

Tritanomaly
6C0914

Monochromacy



Original Color
6D0023

Achromatopsia
252525

Achromatomaly
3F1824

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D0023 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 #6D0023 looks like.

```
.text, #text, p{  
    color:#6D0023  
}
```

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 #6D0023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0023
}
```

Border

The CSS property to change the border of an element to Hex 6D0023 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
#6D0023 }
```

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

```
.border{ border-color:#6D0023 }
```

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

Here you see how a box with a 4 pixel #6D0023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0023; -webkit-box-shadow:4px 4px  
4px 4px #6D0023; box-shadow:4px 4px 4px  
4px #6D0023 }
```

Background

The CSS property to change the background color of an element to Hex 6D0023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0023 }
```

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

```
.background{ background-color:#6D0023 }
```

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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