

# Converting Colors

Hex(6D041B)

Have a look what the booklet for  
Hex(6D041B) contains.

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# Color

**Hex(6D041B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D041B
RGB	109, 4, 27
RGB Percent	43%, 2%, 11%
CMY	0.5725, 0.9843, 0.8941
CMYK	0.00, 0.96, 0.75, 0.57
HSL	347°, 93%, 22%
HSV	347°, 96%, 43%
XYZ	6.5479, 3.4172, 1.3514
YIQ	38.0170, 55.1970, 29.4130

# Conversions

## Conversions Part 2

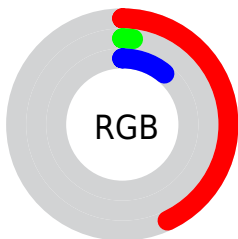
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 4, 27
Decimal	7144475
CIELab	21.64, 42.72, 18.60
CIELCh	22, 46.590, 23.524
Yxy	3.4172, 0.5786, 0.3020
Android (android.graphics.Color)	4285334555 (0xFF6D041B)
YUV	38.0170, -5.4314, 62.2521
Hunter-Lab	18.4856, 30.8780, 8.6056

# Details

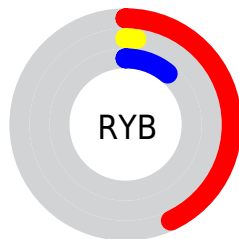
The Hex color **6D041B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **046D56**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **A74046**, and **370001** is the 20% darker color. If you saturate the color by 10%, you get **6D0018**, and if you desaturate by 10%, it is **6D0F24**.

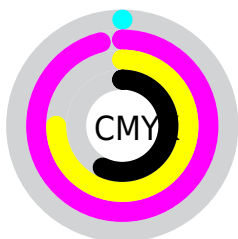
# Distribution



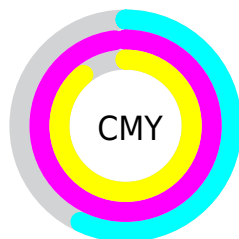
- Red (43%)
- Green (2%)
- Blue (11%)



- Red (43%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (96%)
- Yellow (75%)
- Black (57%)



- Cyan (57%)
- Magenta (98%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D041B 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 6D041B by changing the saturation by 10% instead.



 6D041B

 6D041B

FFFFFFE

 510000

 A74046

 370001

 C45A5E

 100000

 E27476

 000000

 FF8F90

 FFAAAA

 FFC6C6

 FFE3E2

 6D041B

 6D041B

■ 6D0018

■ 6D0F24

■ 6D1A2C

■ 6D2535

■ 6D303D

■ 6D3B46

■ 6D454E

■ 6D5057

■ 6D5B5F

■ 6D6668

# Harmonies

## Analogous

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



6B003D



6D041B



601F00

# Triad

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



6D041B



003F03



003B79

# Complementary

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



6D041B



046D56

# 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.



00416B



6D041B



00422B

# Square

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



6D041B



273A00



00424F



172E74

# Rectangle

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



6D041B



502B00



00424F



003D77



# Sweetspot

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



6D041B



8F656E



54046D



472E34



C7C7C7



474747



# Same Dimension

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



6D041B



8F001F



6D2004



363031



75001A



F50036



# Inverse Universe

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



6D041B



8F001F



04516D



363031



75001A

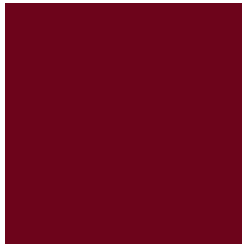


F50036



# Previews

## White Background



This preview shows how the Hex color 6D041B looks on a white background.

## Color Contrast Check

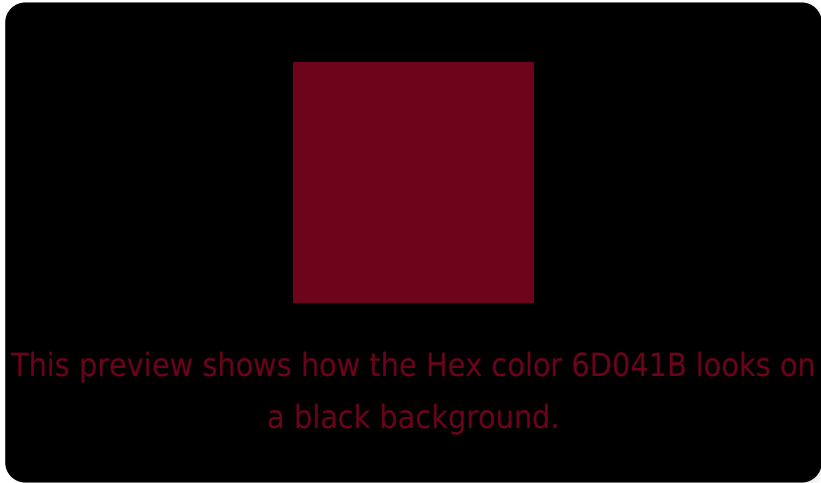
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D041B Background



This preview shows how black text looks on a background with the Hex color 6D041B.

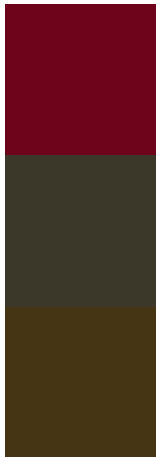


This preview shows how white text looks on a background with the Hex color 6D041B.

# 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**  
6D041B

**Protanopia**  
3B3729

**Deuteranopia**  
453515



# Trichromacy



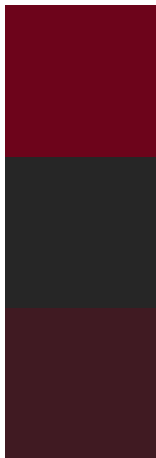
**Original Color**  
6D041B

**Protanomaly**  
4D2424

**Deuteranomaly**  
542317

**Tritanomaly**  
6D090F

# Monochromacy



**Original Color**  
6D041B

**Achromatopsia**  
262626

**Achromatomaly**  
401A22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D041B 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 #6D041B looks like.

```
.text, #text, p{  
    color:#6D041B  
}
```

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 #6D041B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D041B
}
```

## Border

The CSS property to change the border of an element to Hex 6D041B is called "border". The border property can be set on classes, ids or directly on the HTML element.

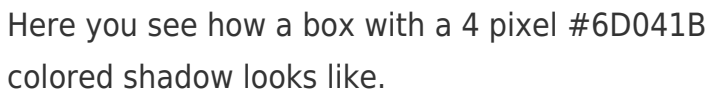
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D041B }
```

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

```
.border{ border-color:#6D041B }
```

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



Here you see how a box with a 4 pixel #6D041B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D041B; -webkit-box-shadow:4px 4px  
4px 4px #6D041B; box-shadow:4px 4px 4px  
4px #6D041B }
```

# Background

The CSS property to change the background color of an element to Hex 6D041B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D041B }
```

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

```
.background{ background-color:#6D041B }
```

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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