

Converting Colors

Hex(6D0101)

Have a look what the booklet for
Hex(6D0101) contains.

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Color

Hex(6D0101)

Conversions

Conversions Part 1

Format	Color
Hex	6D0101
RGB	109, 1, 1
RGB Percent	43%, 0%, 0%
CMY	0.5725, 0.9961, 0.9961
CMYK	0.00, 0.99, 0.99, 0.57
HSL	0°, 98%, 22%
HSV	0°, 99%, 43%
XYZ	6.3230, 3.2751, 0.3276
YIQ	33.2920, 64.3680, 22.8960

Conversions

Conversions Part 2

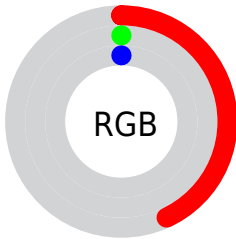
Format	Color
RYB	109, 1, 1
Decimal	7143681
CIELab	21.11, 42.62, 31.72
CIElCh	21, 53.130, 36.653
Yxy	3.2751, 0.6370, 0.3300
Android (android.graphics.Color)	4285333761 (0xFF6D0101)
YUV	33.2920, -15.9200, 66.3959
Hunter-Lab	18.0973, 30.6959, 11.5948

Details

The Hex color **6D0101** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **016D6D**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **A83E2F**, and **360001** is the 20% darker color. If you saturate the color by 10%, you get **6D0000**, and if you desaturate by 10%, it is **6D0C0C**.

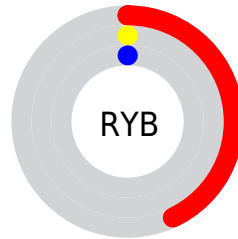
Distribution



Red (43%)

Green (0%)

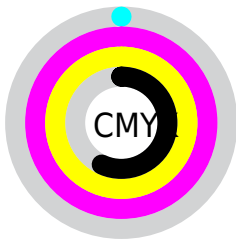
Blue (0%)



Red (43%)

Yellow (0%)

Blue (0%)

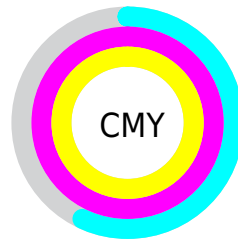


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (57%)



Cyan (57%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D0101 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 6D0101 by changing the saturation by 10% instead.

 6D0101

 6D0101

 FFFEE3

 500000

 A83E2F

 360001

 C65846

 0B0000

 E4725E

 000000

 FF8D77

 FFA891

 FFC4AB

 FFE1C7

 6D0101

 6D0101

■ 6D0000

■ 6D0C0C

■ 6D1717

■ 6D2222

■ 6D2D2D

■ 6D3737

■ 6D4242

■ 6D4D4D

■ 6D5858

■ 6D6363

Harmonies

Analogous

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



74002C



6D0101



572400

Triad

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



6D0101



004010



003682

Complementary

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



6D0101



016D6D

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.



003F7C



6D0101



00423B

Square

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



6D0101



053C00



004261



392273

Rectangle

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



6D0101



433000



004261



003A83

Sweetspot

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



6D0101



8F6464



6D016D



472E2E



C7C7C7



474747

Same Dimension

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



6D0101



8F0000



6D3701



363030



750000



F50000

Inverse Universe

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



016D6D



008F8F



01376D



303636



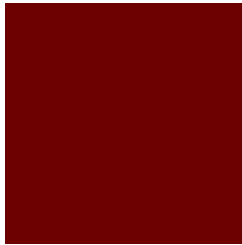
007575



00F5F5

Previews

White Background



This preview shows how the Hex color 6D0101 looks on a white background.

Color Contrast Check

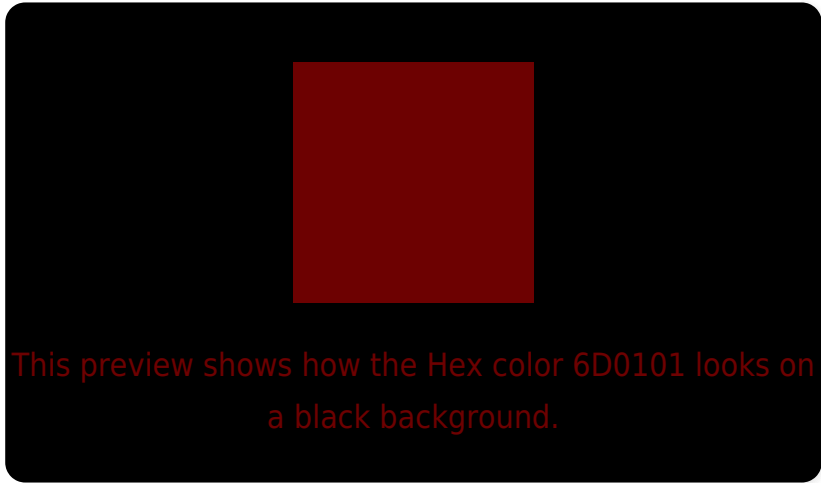
Large Text (above 18pt) WCAG AA ✓ Pass

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

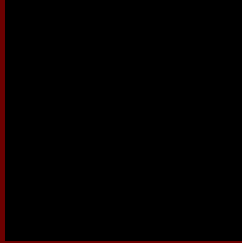
Any Text WCAG AA × Fail

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 6D0101 Background



This preview shows how black text looks on a background with the Hex color 6D0101.



This preview shows how white text looks on a background with the Hex color 6D0101.

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
6D0101

Protanopia
3E370E

Deuteranopia
453400

Trichromacy



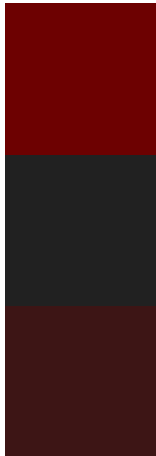
Original Color
6D0101

Protanomaly
4F2309

Deuteranomaly
542100

Tritanomaly
6C0700

Monochromacy



Original Color
6D0101

Achromatopsia
212121

Achromatomaly
3D1515

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D0101 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 #6D0101 looks like.

```
.text, #text, p{  
    color:#6D0101  
}
```

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 #6D0101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0101
}
```

Border

The CSS property to change the border of an element to Hex 6D0101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

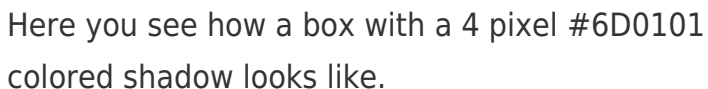
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D0101 }
```

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

```
.border{ border-color:#6D0101 }
```

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



Here you see how a box with a 4 pixel #6D0101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0101; -webkit-box-shadow:4px 4px  
4px 4px #6D0101; box-shadow:4px 4px 4px  
4px #6D0101 }
```

Background

The CSS property to change the background color of an element to Hex 6D0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0101 }
```

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

```
.background{ background-color:#6D0101 }
```

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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