

Converting Colors

Hex(69000D)

Have a look what the booklet for
Hex(69000D) contains.

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Color

Hex(69000D)

Conversions

Conversions Part 1

Format	Color
Hex	69000D
RGB	105, 0, 13
RGB Percent	41%, 0%, 5%
CMY	0.5882, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.88, 0.59
HSL	353°, 100%, 21%
HSV	353°, 100%, 41%
XYZ	5.8983, 3.0323, 0.6552
YIQ	32.8770, 58.4070, 26.3030

Conversions

Conversions Part 2

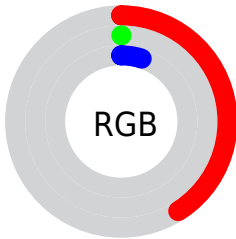
Format	Color
RYB	105, 0, 13
Decimal	6881293
CIELab	20.17, 42.04, 25.41
CIElCh	20, 49.120, 31.150
Yxy	3.0323, 0.6153, 0.3163
Android (android.graphics.Color)	4285071373 (0xFF69000D)
YUV	32.8770, -9.7994, 63.2519
Hunter-Lab	17.4135, 29.9881, 9.9587

Details

The Hex color **69000D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00695C**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **A33D38**, and **340002** is the 20% darker color. If you saturate the color by 10%, you get **69000D**, and if you desaturate by 10%, it is **690A16**.

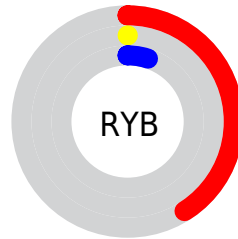
Distribution



Red (41%)

Green (0%)

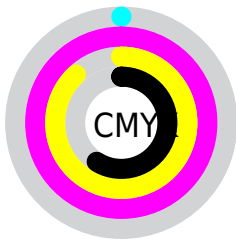
Blue (5%)



Red (41%)

Yellow (0%)

Blue (5%)

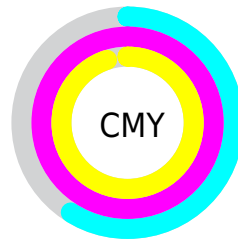


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (59%)



Cyan (59%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69000D 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 69000D by changing the saturation by 10% instead.

 69000D

 69000D

 FFFCED

 4D0000

 A33D38

 340002

 C1564F

 000000

 DF7067

 FD8B80

 FFA69A

 FFC2B5

 FFDFD0

 69000D

 690A16

 69151F

 692029

 692A32

 69353B

 693F44

 694A4D

 695457

 695F60

Harmonies

Analogous

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



6C0031



69000D



572000

Triad

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



69000D



003D09



00367A

Complementary

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



69000D



00695C

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.



003D70



69000D



003F31

Square

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



69000D



163900



003F55



2A266F

Rectangle

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



69000D



462C00



003F55



003979

Sweetspot

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



69000D



8A6066



5B0069



452C2F



C4C4C4



454545

Same Dimension

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



69000D



8A0011



692700



363031



75000F



F5001E

Inverse Universe

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



69000D



8A0011



004269



363031



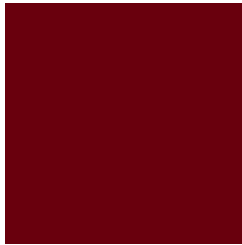
75000F



F5001E

Previews

White Background



This preview shows how the Hex color 69000D looks on a white background.

Color Contrast Check

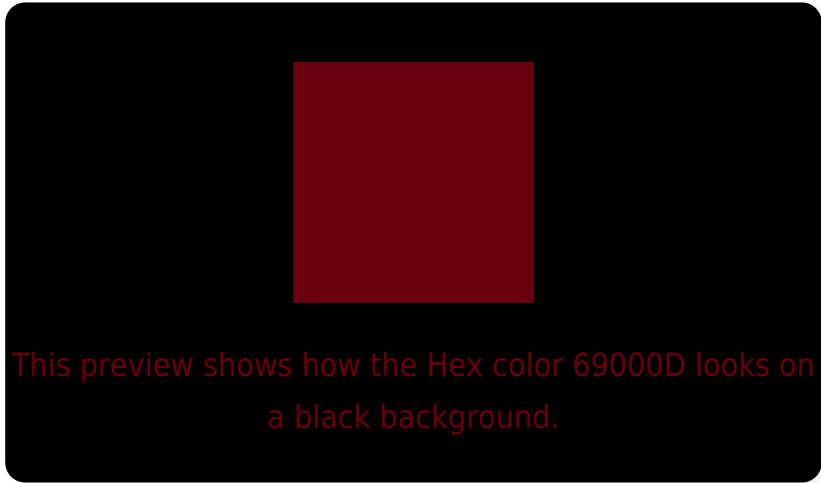
Large Text (above 18pt) WCAG AA ✓ Pass

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 69000D Background



This preview shows how black text looks on a background with the Hex color 69000D.



This preview shows how white text looks on a background with the Hex color 69000D.

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
69000D

Protanopia
3B3516

Deuteranopia
433200



Tritanopia
680A00

Trichromacy



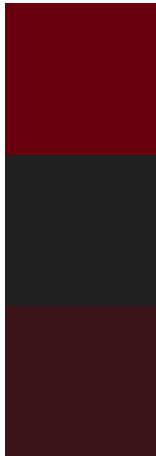
Original Color
69000D

Protanomaly
4C2213

Deuteranomaly
512005

Tritanomaly
680605

Monochromacy



Original Color
69000D

Achromatopsia
212121

Achromatomaly
3B151A

CSS Examples

Text

The CSS property to change the color of the text to Hex 69000D 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 #69000D looks like.

```
.text, #text, p{  
    color:#69000D  
}
```

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 #69000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69000D
}
```

Border

The CSS property to change the border of an element to Hex 69000D is called "border". The border property can be set on classes, ids or directly on the HTML element.

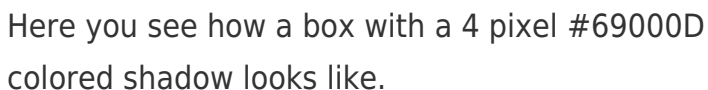
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#69000D }
```

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

```
.border{ border-color:#69000D }
```

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



Here you see how a box with a 4 pixel #69000D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69000D; -webkit-box-shadow:4px 4px  
4px 4px #69000D; box-shadow:4px 4px 4px  
4px #69000D }
```

Background

The CSS property to change the background color of an element to Hex 69000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69000D }
```

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

```
.background{ background-color:#69000D }
```

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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