

Converting Colors

Hex(67000A)

Have a look what the booklet for
Hex(67000A) contains.

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Color

Hex(67000A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 67000A |
| RGB | 103, 0, 10 |
| RGB Percent | 40%, 0%, 4% |
| CMY | 0.5961, 1.0000, 0.9608 |
| CMYK | 0.00, 1.00, 0.90, 0.60 |
| HSL | 354°, 100%, 20% |
| HSV | 354°, 100%, 40% |
| XYZ | 5.6483, 2.9055, 0.5503 |
| YIQ | 31.9370, 58.1780, 24.9460 |

Conversions

Conversions Part 2

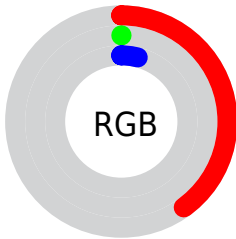
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 103, 0, 10 |
| Decimal | 6750218 |
| CIE Lab | 19.66, 41.41, 26.03 |
| CIE LCh | 20, 48.906, 32.154 |
| Yxy | 2.9055, 0.6204, 0.3191 |
| Android (android.graphics.Color) | 4284940298 (0xFF67000A) |
| YUV | 31.9370, -10.8149, 62.3223 |
| Hunter-Lab | 17.0455, 29.3194, 10.0178 |

Details

The Hex color **67000A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00675D**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **A13C35**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **67000A**, and if you desaturate by 10%, it is **670A13**.

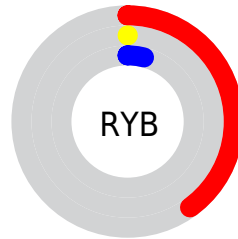
Distribution



Red (40%)

Green (0%)

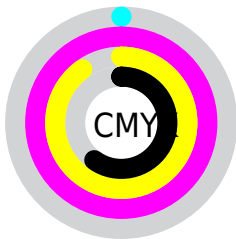
Blue (4%)



Red (40%)

Yellow (0%)

Blue (4%)

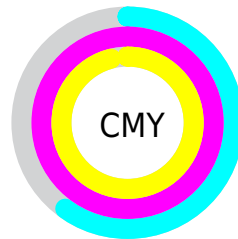


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (60%)



Cyan (60%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67000A 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 67000A by changing the saturation by 10% instead.

 67000A

 67000A

 FFFBEA

 4B0000

 A13C35

 320002

 BE564C

 000000

 DD7064

 FB8A7D

 FFA697

 FFC1B2

 FFDECE

 67000A

■ 670A13

■ 67151D

■ 671F26

■ 67292F

■ 673438

■ 673E42

■ 67484B

■ 675254

■ 675D5E

Harmonies

Analogous

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



6B002F



67000A



551F00

Triad

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



67000A



003C09



003478

Complementary

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



67000A



00675D

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.



003C6F



67000A



003E31

Square

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



67000A



133800



003E55



2B246D

Rectangle

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



67000A



442B00



003E55



003778

Sweetspot

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



67000A



875F63



5D0067



452C2E



C4C4C4



454545

Same Dimension

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



67000A



87000D



672900



332E2E



73000B



F20018

Inverse Universe

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



67000A



87000D



003E67



332E2E



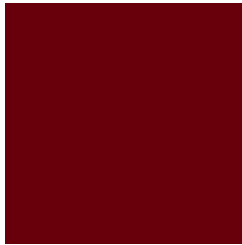
73000B



F20018

Previews

White Background



This preview shows how the Hex color 67000A looks on a white background.

Color Contrast Check

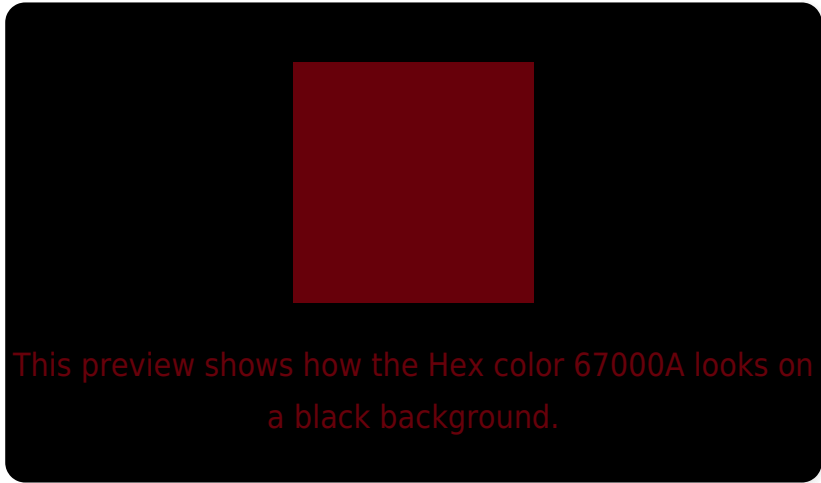
Large Text (above 18pt) WCAG AA ✓ Pass

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

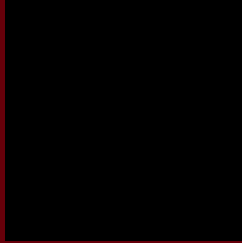
Any Text WCAG AA × Fail

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 67000A Background



This preview shows how black text looks on a background with the Hex color 67000A.



This preview shows how white text looks on a background with the Hex color 67000A.

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
67000A

Protanopia
3A3413

Deuteranopia
423100



Tritanopia
660900

Trichromacy



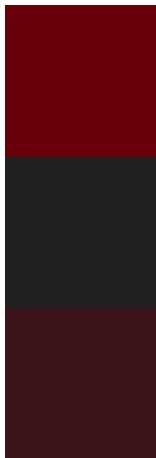
Original Color
67000A

Protanomaly
4A2110

Deuteranomaly
4F1F04

Tritanomaly
660604

Monochromacy



Original Color
67000A

Achromatopsia
202020

Achromatomaly
3A1418

CSS Examples

Text

The CSS property to change the color of the text to Hex 67000A 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 #67000A looks like.

```
.text, #text, p{  
    color:#67000A  
}
```

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 #67000A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67000A
}
```

Border

The CSS property to change the border of an element to Hex 67000A is called "border". The border property can be set on classes, ids or directly on the HTML element.

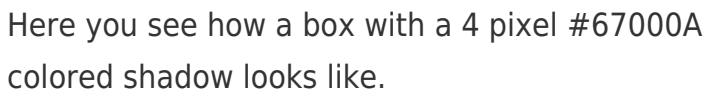
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67000A }
```

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

```
.border{ border-color:#67000A }
```

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



Here you see how a box with a 4 pixel #67000A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67000A; -webkit-box-shadow:4px 4px  
4px 4px #67000A; box-shadow:4px 4px 4px  
4px #67000A }
```

Background

The CSS property to change the background color of an element to Hex 67000A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67000A }
```

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

```
.background{ background-color:#67000A }
```

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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