

Converting Colors

Hex(67700D)

Have a look what the booklet for
Hex(67700D) contains.

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Color

Hex(67700D)

Conversions

Conversions Part 1

Format	Color
Hex	67700D
RGB	103, 112, 13
RGB Percent	40%, 44%, 5%
CMY	0.5961, 0.5608, 0.9490
CMYK	0.08, 0.00, 0.88, 0.56
HSL	65°, 79%, 25%
HSV	65°, 88%, 44%
XYZ	11.4603, 14.5010, 2.5757
YIQ	98.0230, 26.4150, -32.6970

Conversions

Conversions Part 2

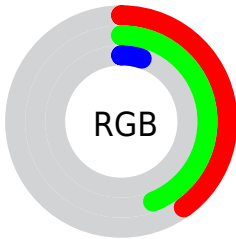
Format	Color
RYB	13, 112, 22
Decimal	6778893
CIELab	44.94, -15.67, 47.66
CIELCh	45, 50.171, 108.200
Yxy	14.5010, 0.4016, 0.5081
Android (android.graphics.Color)	4284968973 (0xFF67700D)
YUV	98.0230, -41.9163, 4.3648
Hunter-Lab	38.0801, -12.9201, 22.6458

Details

The Hex color **67700D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **160D70**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9DA444**, and **344000** is the 20% darker color. If you saturate the color by 10%, you get **667002**, and if you desaturate by 10%, it is **687018**.

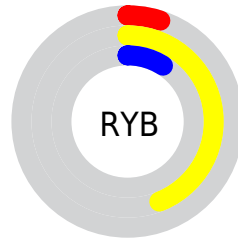
Distribution



Red (40%)

Green (44%)

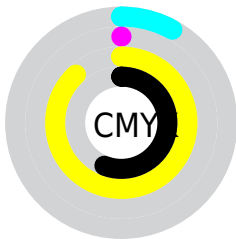
Blue (5%)



Red (5%)

Yellow (44%)

Blue (9%)

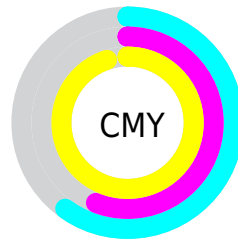


Cyan (8%)

Magenta (0%)

Yellow (88%)

Black (56%)



Cyan (60%)

Magenta (56%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67700D 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 67700D by changing the saturation by 10% instead.

 67700D

 67700D

FFFFFF

 4D5800

 9DA444

 344000

 B9BF5E

 1B2A00

 D5DA78

 001800

 F3F793

 000000

 FFFFAE

 FFFFCA

 FFFF66

 67700D

 67700D

■ 667002

■ 687018

■ 667000

■ 697023

■ 6A702F

■ 6B703A

■ 6C7045

■ 6D7050

■ 6E705B

■ 6F7067

■ 707072

Harmonies

Analogous

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



8D620E



67700D



34792F

Triad

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



67700D



007BA8



AD447D

Complementary

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



67700D



160D70

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.



8C54A3



67700D



0074BC

Square

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



67700D



007E83



4966BA



B64353

Rectangle

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



67700D



007C4A



4966BA



A5488A

Sweetspot

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



67700D



8E916A



70150D



484A32



C9C9C9



4A4A4A

Same Dimension

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



67700D



849100



36700D



383832



6D7800



E1F700

Inverse Universe

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



160D70



0D0091



470D70



333238



0B0078



1600F7

Previews

White Background



This preview shows how the Hex color 67700D looks on a white background.

Color Contrast Check

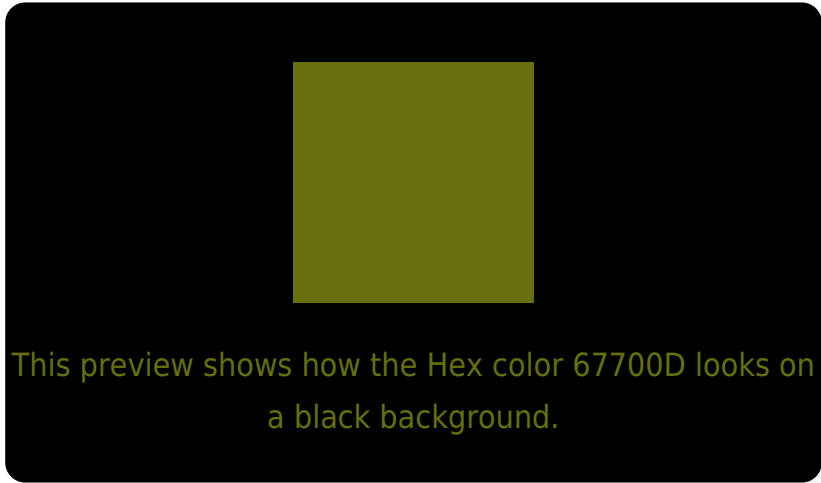
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

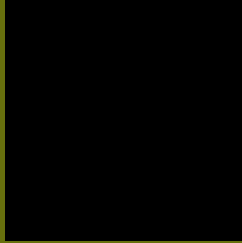
Any Text WCAG AA × Fail

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 67700D Background



This preview shows how black text looks on a background with the Hex color 67700D.



This preview shows how white text looks on a background with the Hex color 67700D.

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
67700D

Protanopia
786B0B

Deuteranopia
866516



Tritanopia
6F6870

Trichromacy



Original Color
67700D

Protanomaly
726D0C

Deuteranomaly
7B6913

Tritanomaly
6C6B4C

Monochromacy



Original Color
67700D

Achromatopsia
626262

Achromatomaly
646743

CSS Examples

Text

The CSS property to change the color of the text to Hex 67700D 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 #67700D looks like.

```
.text, #text, p{  
    color:#67700D  
}
```

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 #67700D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67700D
}
```

Border

The CSS property to change the border of an element to Hex 67700D 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
#67700D }
```

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

```
.border{ border-color:#67700D }
```

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

Here you see how a box with a 4 pixel #67700D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67700D; -webkit-box-shadow:4px 4px  
4px 4px #67700D; box-shadow:4px 4px 4px  
4px #67700D }
```

Background

The CSS property to change the background color of an element to Hex 67700D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67700D }
```

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

```
.background{ background-color:#67700D }
```

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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