

Converting Colors

Hex(690D00)

Have a look what the booklet for
Hex(690D00) contains.

| | |
|--|----|
| Hex(690D00) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(690D00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 690D00 |
| RGB | 105, 13, 0 |
| RGB Percent | 41%, 5%, 0% |
| CMY | 0.5882, 0.9490, 1.0000 |
| CMYK | 0.00, 0.88, 1.00, 0.59 |
| HSL | 7°, 100%, 21% |
| HSV | 7°, 100%, 41% |
| XYZ | 5.9696, 3.2911, 0.3206 |
| YIQ | 39.0260, 59.0050, 15.4610 |

Conversions

Conversions Part 2

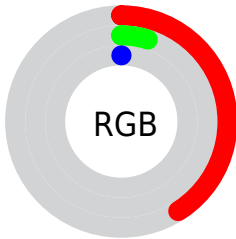
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 105, 15, 0 |
| Decimal | 6884608 |
| CIE _{Lab} | 21.17, 38.52, 31.92 |
| CIE _{LCh} | 21, 50.025, 39.650 |
| Yxy | 3.2911, 0.6230, 0.3435 |
| Android (android.graphics.Color) | 4285074688 (0xFF690D00) |
| YUV | 39.0260, -19.2398, 57.8592 |
| Hunter-Lab | 18.1414, 26.9899, 11.6512 |

Details

The Hex color **690D00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005C69**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A3432F**, and **330001** is the 20% darker color. If you saturate the color by 10%, you get **690D00**, and if you desaturate by 10%, it is **69160A**.

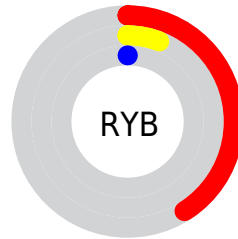
Distribution



Red (41%)

Green (5%)

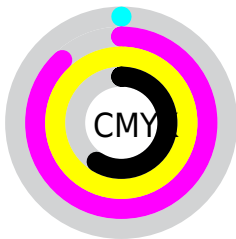
Blue (0%)



Red (41%)

Yellow (6%)

Blue (0%)

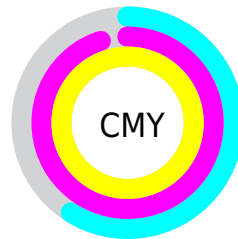


Cyan (0%)

Magenta (88%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 690D00 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 690D00 by changing the saturation by 10% instead.

 690D00

 690D00

 FFFFE2

 4C0000

 A3432F

 330001

 C15C45

 010000

 DF765D

 000000

 FE9176

 FFAC90

 FFC8AB

 FFE4C6

 690D00

■ 69160A

■ 691F15

■ 692920

■ 69322A

■ 693B35

■ 69443F

■ 694D4A

■ 695754

■ 69605F

Harmonies

Analogous

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



710029



690D00



532700

Triad

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



690D00



004017



00347D

Complementary

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



690D00



005C69

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.



003E79



690D00



00423E

Square

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



690D00



053D00



004162



40216D

Rectangle

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



690D00



403100



004162



00387E

Sweetspot

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



690D00



8A6660



69005D



452F2C



C4C4C4



454545

Same Dimension

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



690D00



8A1100



694100



363130



750F00



F51E00

Inverse Universe

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



005C69



00798A



002869



303536



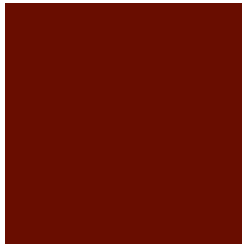
006775



00D6F5

Previews

White Background



This preview shows how the Hex color 690D00 looks on a white background.

Color Contrast Check

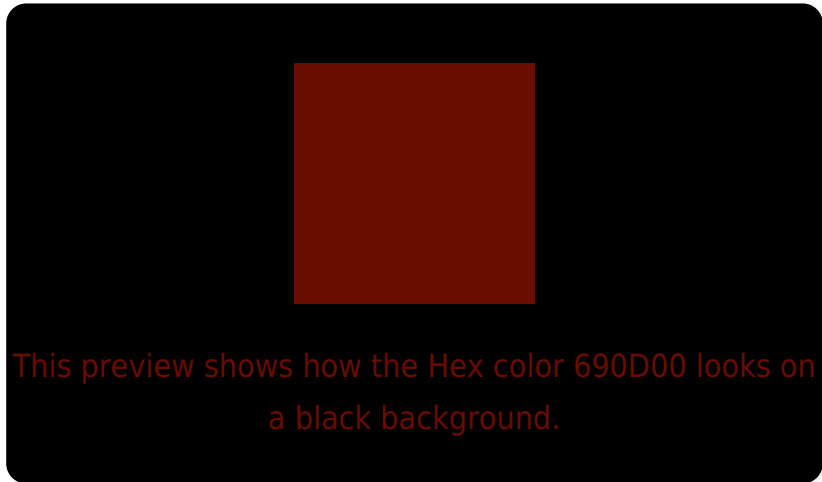
Large Text (above 18pt) WCAG AA ✓ Pass

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

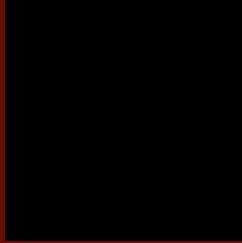
Any Text WCAG AA × Fail

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 690D00 Background



This preview shows how black text looks on a background with the Hex color 690D00.



This preview shows how white text looks on a background with the Hex color 690D00.

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
690D00

Protanopia
3C360D

Deuteranopia
443300



Tritanopia
690D0A

Trichromacy



Original Color
690D00

Protanomaly
4C2708

Deuteranomaly
512500

Tritanomaly
690D06

Monochromacy



Original Color
690D00

Achromatopsia
272727

Achromatomaly
3F1E19

CSS Examples

Text

The CSS property to change the color of the text to Hex 690D00 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 #690D00 looks like.

```
.text, #text, p{  
    color:#690D00  
}
```

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 #690D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #690D00
}
```

Border

The CSS property to change the border of an element to Hex 690D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

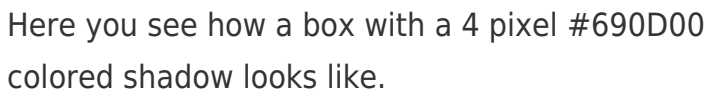
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#690D00 }
```

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

```
.border{ border-color:#690D00 }
```

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



Here you see how a box with a 4 pixel #690D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #690D00; -webkit-box-shadow:4px 4px  
4px 4px #690D00; box-shadow:4px 4px 4px  
4px #690D00 }
```

Background

The CSS property to change the background color of an element to Hex 690D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#690D00 }
```

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

```
.background{ background-color:#690D00 }
```

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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