

Converting Colors

Hex(68280D)

Have a look what the booklet for
Hex(68280D) contains.

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Color

Hex(68280D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 68280D |
| RGB | 104, 40, 13 |
| RGB Percent | 41%, 16%, 5% |
| CMY | 0.5922, 0.8431, 0.9490 |
| CMYK | 0.00, 0.62, 0.87, 0.59 |
| HSL | 18°, 78%, 23% |
| HSV | 18°, 88%, 41% |
| XYZ | 6.5404, 4.4897, 0.9027 |
| YIQ | 56.0580, 46.8110, 5.1710 |

Conversions

Conversions Part 2

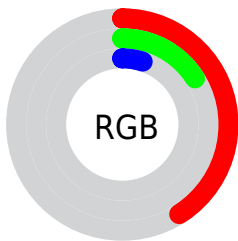
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 104, 51, 13 |
| Decimal | 6825997 |
| CIELab | 25.23, 27.18, 30.59 |
| CIElCh | 25, 40.920, 48.372 |
| Yxy | 4.4897, 0.5481, 0.3763 |
| Android (android.graphics.Color) | 4285016077 (0xFF68280D) |
| YUV | 56.0580, -21.2276, 42.0451 |
| Hunter-Lab | 21.1889, 18.0168, 12.3065 |

Details

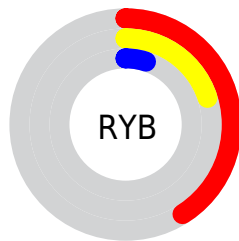
The Hex color **68280D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D4D68**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A05839**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **682103**, and if you desaturate by 10%, it is **682F17**.

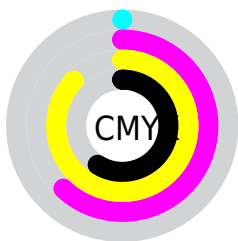
Distribution



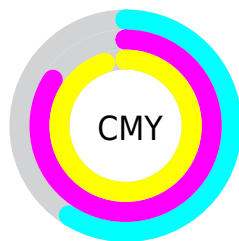
- Red (41%)
- Green (16%)
- Blue (5%)



- Red (41%)
- Yellow (20%)
- Blue (5%)



- Cyan (0%)
- Magenta (62%)
- Yellow (87%)
- Black (59%)



- Cyan (59%)
- Magenta (84%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68280D 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 68280D by changing the saturation by 10% instead.

 68280D

 68280D

 FFFFF0

 4D1100

 A05839

 320000

 BD7151

 100000

 DB8A69

 000000

 F9A582

 FFC09D

 FFDD88

 FFF9D3

 68280D

 68280D

■ 682103

■ 682F17

■ 681F00

■ 683722

■ 683E2C

■ 684537

■ 684D41

■ 68544B

■ 685B56

■ 686360

■ 686A6B

Harmonies

Analogous

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



721A2A



68280D



543600

Triad

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



68280D



00492E



1C3977

Complementary

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



68280D



0D4D68

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.



004379



68280D



004A4F

Square

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



68280D



0C460E



00486A



542A65

Rectangle

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



68280D



423D00



00486A



003D7A

Sweetspot

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



68280D



876E64



680D4E



453630



C4C4C4



454545

Same Dimension

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



68280D



872800



68540D



332F2E



732200



F24800

Inverse Universe

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



0D4D68



005F87



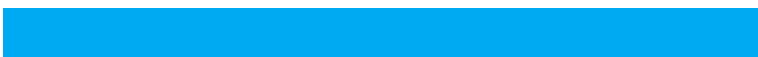
0D2168



2E3133



005173



00AAF2

Previews

White Background



This preview shows how the Hex color 68280D looks on a white background.

Color Contrast Check

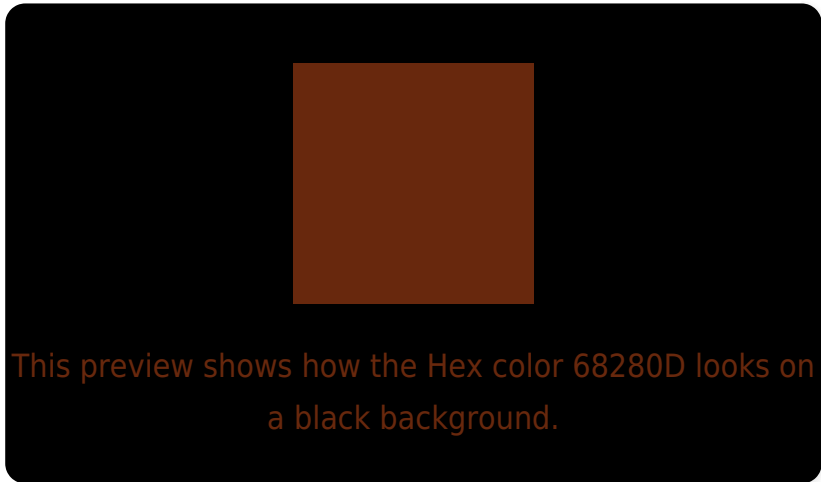
Large Text (above 18pt) WCAG AA ✓ Pass

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 68280D Background



This preview shows how black text looks on a background with the Hex color 68280D.

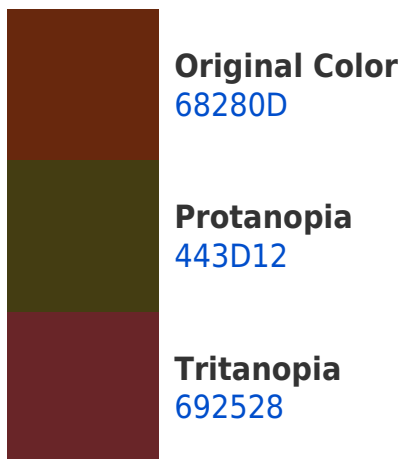


This preview shows how white text looks on a background with the Hex color 68280D.

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



Trichromacy



Original Color
68280D

Protanomaly
513510

Tritanomaly
69261E

Monochromacy



Original Color
68280D

Achromatopsia
383838

Achromatomaly
493228

CSS Examples

Text

The CSS property to change the color of the text to Hex 68280D 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 #68280D looks like.

```
.text, #text, p{  
    color:#68280D  
}
```

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 #68280D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68280D
}
```

Border

The CSS property to change the border of an element to Hex 68280D is called "border". The border property can be set on classes, ids or directly on the HTML element.

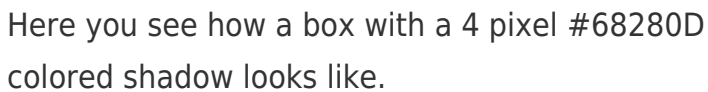
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68280D }
```

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

```
.border{ border-color:#68280D }
```

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



Here you see how a box with a 4 pixel #68280D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68280D; -webkit-box-shadow:4px 4px  
4px 4px #68280D; box-shadow:4px 4px 4px  
4px #68280D }
```

Background

The CSS property to change the background color of an element to Hex 68280D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68280D }
```

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

```
.background{ background-color:#68280D }
```

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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