

Converting Colors

Hex(680E10)

Have a look what the booklet for
Hex(680E10) contains.

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Color

Hex(680E10)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 680E10 |
| RGB | 104, 14, 16 |
| RGB Percent | 41%, 5%, 6% |
| CMY | 0.5922, 0.9451, 0.9373 |
| CMYK | 0.00, 0.87, 0.85, 0.59 |
| HSL | 359°, 76%, 23% |
| HSV | 359°, 87%, 41% |
| XYZ | 5.9595, 3.2945, 0.8120 |
| YIQ | 41.1380, 52.9980, 19.7020 |

Conversions

Conversions Part 2

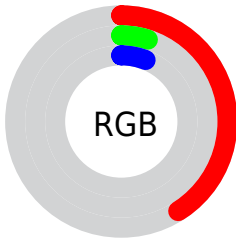
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 104, 14, 16 |
| Decimal | 6819344 |
| CIE _{Lab} | 21.19, 38.35, 24.91 |
| CIE _{LCh} | 21, 45.731, 33.011 |
| Yxy | 3.2945, 0.5920, 0.3273 |
| Android (android.graphics.Color) | 4285009424 (0xFF680E10) |
| YUV | 41.1380, -12.3930, 55.1300 |
| Hunter-Lab | 18.1509, 26.8429, 10.0531 |

Details

The Hex color **680E10** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0E6866**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **A1433A**, and **330001** is the 20% darker color. If you saturate the color by 10%, you get **680406**, and if you desaturate by 10%, it is **68181A**.

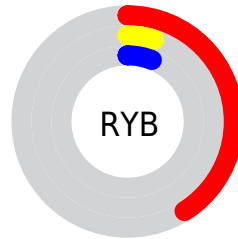
Distribution



Red (41%)

Green (5%)

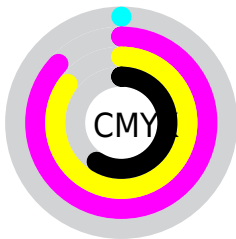
Blue (6%)



Red (41%)

Yellow (5%)

Blue (6%)

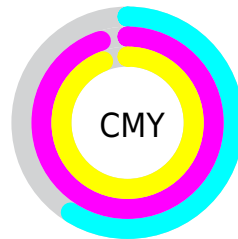


Cyan (0%)

Magenta (87%)

Yellow (85%)

Black (59%)



Cyan (59%)

Magenta (95%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680E10 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 680E10 by changing the saturation by 10% instead.

 680E10

 680E10

 FFFFF0

 4C0000

 A1433A

 330001

 BF5D52

 010000

 DD776A

 000000

 FB9183

 FFAC9D

 FFC8B8

 FFE5D4

 680E10

 680E10

■ 680406

■ 68181A

■ 680002

■ 682324

■ 682D2F

■ 683839

■ 684243

■ 684C4D

■ 685757

■ 686161

■ 686C6C

Harmonies

Analogous

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



6C0031



680E10



572500

Triad

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



680E10



003F11



003777

Complementary

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



680E10



0E6866

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.



003E6F



680E10



004136

Square

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



680E10



1A3B00



004157



33286C

Rectangle

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



680E10



462F00



004157



003A77

Sweetspot

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



680E10



876465



650E68



453030



C4C4C4



454545

Same Dimension

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



680E10



870003



68380E



332E2E



730003



F20005

Inverse Universe

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



680E10



870003



0E3E68



332E2E



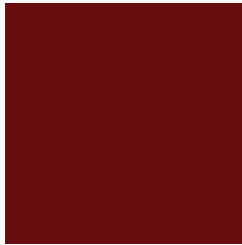
730003



F20005

Previews

White Background



This preview shows how the Hex color 680E10 looks on a white background.

Color Contrast Check

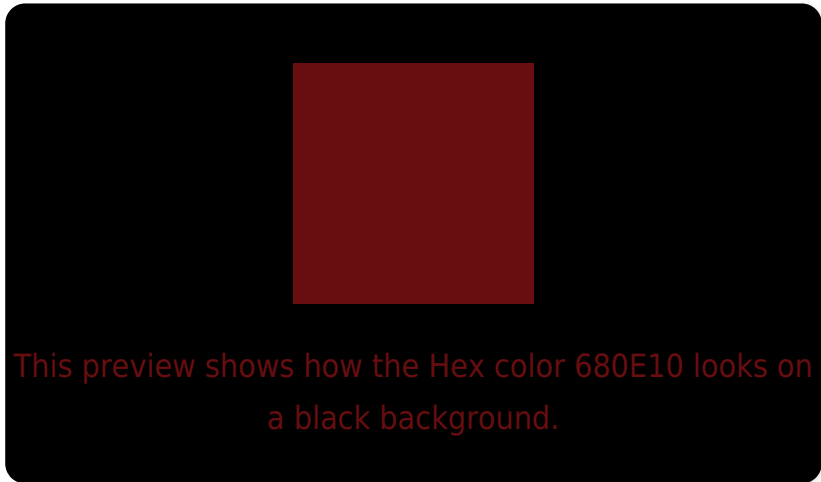
Large Text (above 18pt) WCAG AA ✓ Pass

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 680E10 Background



This preview shows how black text looks on a background with the Hex color 680E10.

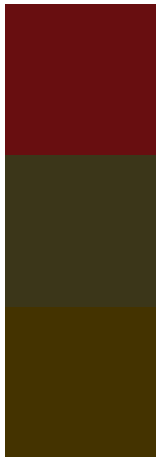


This preview shows how white text looks on a background with the Hex color 680E10.

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
680E10

Protanopia
3B3619

Deuteranopia
443300

Trichromacy



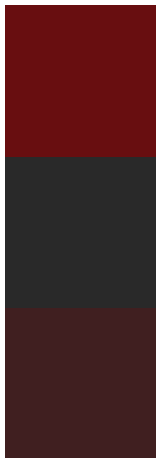
Original Color
680E10

Protanomaly
4B2716

Deuteranomaly
512606

Tritanomaly
680E0E

Monochromacy



Original Color
680E10

Achromatopsia
292929

Achromatomaly
401F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 680E10 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 #680E10 looks like.

```
.text, #text, p{  
    color:#680E10  
}
```

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 #680E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680E10
}
```

Border

The CSS property to change the border of an element to Hex 680E10 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".

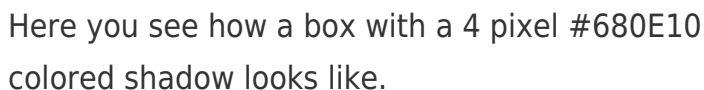
```
.border, #border, table{ border:4px solid
#680E10 }
```

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

```
.border{ border-color:#680E10 }
```

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

Here you see how a box with a 4 pixel #680E10 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #680E10 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680E10; -webkit-box-shadow:4px 4px  
4px 4px #680E10; box-shadow:4px 4px 4px  
4px #680E10 }
```

Background

The CSS property to change the background color of an element to Hex 680E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680E10 }
```

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

```
.background{ background-color:#680E10 }
```

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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