

# Converting Colors

Hex(681105)

Have a look what the booklet for  
Hex(681105) contains.

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**Color**

**Hex(681105)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	681105
RGB	104, 17, 5
RGB Percent	41%, 7%, 2%
CMY	0.5922, 0.9333, 0.9804
CMYK	0.00, 0.84, 0.95, 0.59
HSL	7°, 91%, 21%
HSV	7°, 95%, 41%
XYZ	5.9368, 3.3549, 0.4782
YIQ	41.6450, 55.7040, 14.7120

# Conversions

## Conversions Part 2

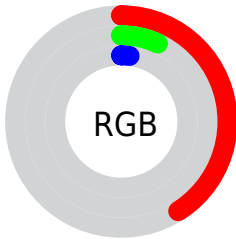
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 19, 5
Decimal	6820101
CIE Lab	21.41, 37.12, 30.08
CIE LCh	21, 47.778, 39.015
Yxy	3.3549, 0.6077, 0.3434
Android (android.graphics.Color)	4285010181 (0xFF681105)
YUV	41.6450, -18.0660, 54.6853
Hunter-Lab	18.3164, 25.8021, 11.2734

# Details

The Hex color **681105** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **055C68**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **A24532**, and **320001** is the 20% darker color. If you saturate the color by 10%, you get **680D00**, and if you desaturate by 10%, it is **681A0F**.

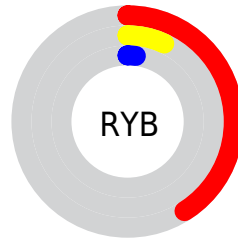
# Distribution



Red (41%)

Green (7%)

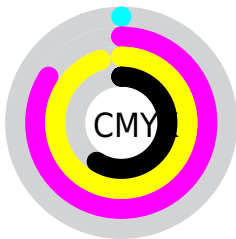
Blue (2%)



Red (41%)

Yellow (7%)

Blue (2%)

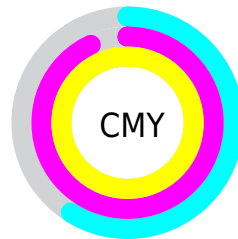


Cyan (0%)

Magenta (84%)

Yellow (95%)

Black (59%)



Cyan (59%)

Magenta (93%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 681105 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 681105 by changing the saturation by 10% instead.



 681105

 681105

 FFFFE7

 4C0000

 A24532

 320001

 BF5E49

 000000

 DD7861

 FC937A

 FFAE94

 FFCAAF

 FFE6CA

 681105

 681105

■ 680D00

■ 681A0F

■ 68231A

■ 682C24

■ 68362F

■ 683F39

■ 684843

■ 68514E

■ 685A58

■ 686363

# Harmonies

## Analogous

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



6F002B



681105



542800

# Triad

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



681105



004018



00357A

# Complementary

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



681105



055C68

# 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.



003E76



681105



00423E

# Square

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



681105



0D3D00



00415F



3F246B

# Rectangle

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



681105



413200



00415F



00397B



# Sweetspot

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



681105



876560



68055C



45302D



C4C4C4



454545



# Same Dimension

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



681105



871000



684205



332F2E



730E00



F21D00



# Inverse Universe

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



055C68



007787



052B68



2E3233



006573

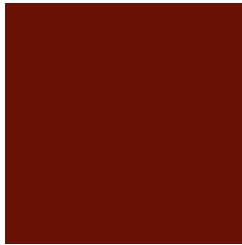


00D5F2



# Previews

## White Background



This preview shows how the Hex color 681105 looks on a white background.

## Color Contrast Check

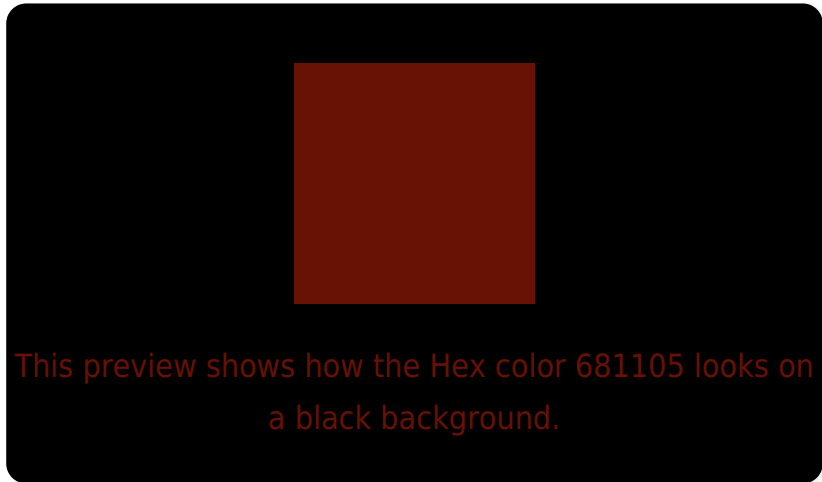
Large Text (above 18pt) WCAG AA ✓ Pass

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

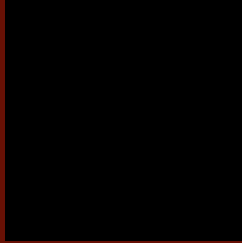
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 681105 Background



This preview shows how black text looks on a background with the Hex color 681105.



This preview shows how white text looks on a background with the Hex color 681105.

# 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**  
681105

**Protanopia**  
3C360E

**Deuteranopia**  
443300



**Tritanopia**  
68100F

# Trichromacy



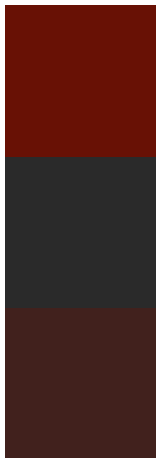
**Original Color**  
681105

**Protanomaly**  
4C290B

**Deuteranomaly**  
512702

**Tritanomaly**  
68100B

# Monochromacy



**Original Color**  
681105

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
41211D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 681105 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 #681105 looks like.

```
.text, #text, p{  
    color:#681105  
}
```

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 #681105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681105
}
```

## Border

The CSS property to change the border of an element to Hex 681105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

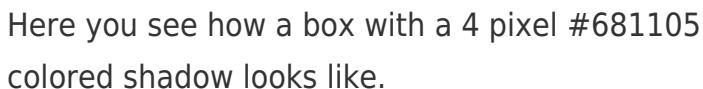
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681105 }
```

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

```
.border{ border-color:#681105 }
```

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



Here you see how a box with a 4 pixel #681105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681105; -webkit-box-shadow:4px 4px  
4px 4px #681105; box-shadow:4px 4px 4px  
4px #681105 }
```

# Background

The CSS property to change the background color of an element to Hex 681105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681105 }
```

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

```
.background{ background-color:#681105 }
```

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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