

# Converting Colors

Hex(681501)

Have a look what the booklet for  
Hex(681501) contains.

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# Color

**Hex(681501)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	681501
RGB	104, 21, 1
RGB Percent	41%, 8%, 0%
CMY	0.5922, 0.9176, 0.9961
CMYK	0.00, 0.80, 0.99, 0.59
HSL	12°, 98%, 21%
HSV	12°, 99%, 41%
XYZ	5.9826, 3.4816, 0.3854
YIQ	43.5370, 55.8880, 11.3760

# Conversions

## Conversions Part 2

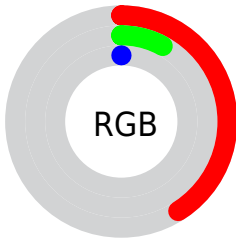
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 26, 1
Decimal	6821121
CIELab	21.88, 35.63, 32.21
CIElCh	22, 48.027, 42.114
Yxy	3.4816, 0.6074, 0.3535
Android (android.graphics.Color)	4285011201 (0xFF681501)
YUV	43.5370, -20.9707, 53.0261
Hunter-Lab	18.6590, 24.5786, 11.8366

# Details

The Hex color **681501** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **015468**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A2482F**, and **320001** is the 20% darker color. If you saturate the color by 10%, you get **681400**, and if you desaturate by 10%, it is **681D0B**.

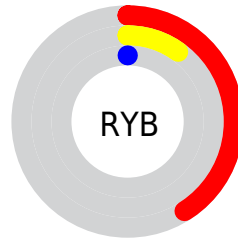
# Distribution



Red (41%)

Green (8%)

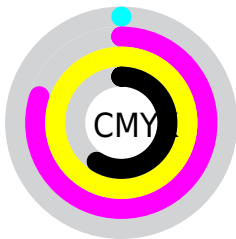
Blue (0%)



Red (41%)

Yellow (10%)

Blue (0%)

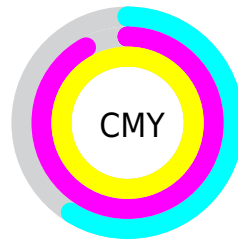


Cyan (0%)

Magenta (80%)

Yellow (99%)

Black (59%)



Cyan (59%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 681501 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 681501 by changing the saturation by 10% instead.



 681501

 681501

 FFFFE4

 4C0000

 A2482F

 320001

 BF6146

 020000

 DD7B5E

 000000

 FC9577

 FFB091

 FFCCAC

 FFE9C7

 681501

 681501

■ 681400

■ 681D0B

■ 682616

■ 682E20

■ 68372B

■ 683F35

■ 68473F

■ 68504A

■ 685854

■ 68605F

# Harmonies

## Analogous

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



710028



681501



532B00

# Triad

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



681501



00421D



00347B

# Complementary

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



681501



015468

# 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



681501



004342

# Square

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



681501



043E00



004264



46226A

# Rectangle

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



681501



3F3400



004264



00397D



# Sweetspot

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



681501



87665F



680155



45312C



C4C4C4



454545



# Same Dimension

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



681501



871A00



684701



332F2E



731600



F22F00



# Inverse Universe

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



015468



006D87



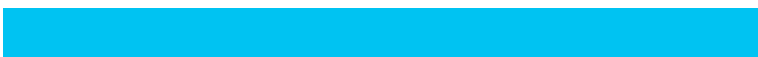
012268



2E3233



005C73

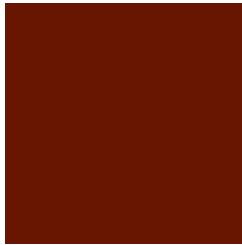


00C3F2



# Previews

## White Background



This preview shows how the Hex color 681501 looks on a white background.

## Color Contrast Check

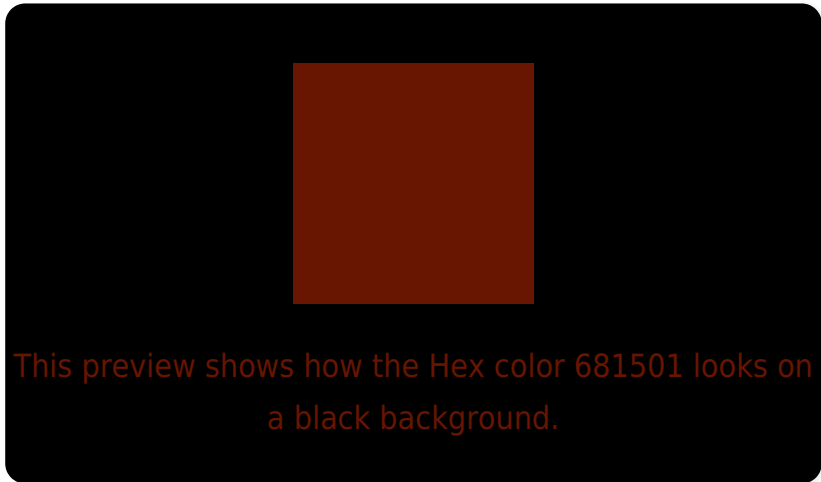
Large Text (above 18pt) WCAG AA ✓ Pass

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

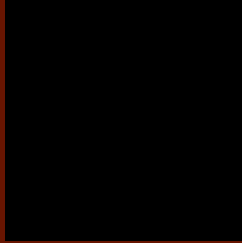
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 681501 Background



This preview shows how black text looks on a background with the Hex color 681501.



This preview shows how white text looks on a background with the Hex color 681501.

# 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**  
681501

**Protanopia**  
3D370C

**Deuteranopia**  
453400



**Tritanopia**  
681413

# Trichromacy



**Original Color**  
681501

**Protanomaly**  
4D2B08

**Deuteranomaly**  
522900

**Tritanomaly**  
68140C

# Monochromacy



**Original Color**  
681501

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
42241C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 681501 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 #681501 looks like.

```
.text, #text, p{  
    color:#681501  
}
```

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 #681501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681501
}
```

## Border

The CSS property to change the border of an element to Hex 681501 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".

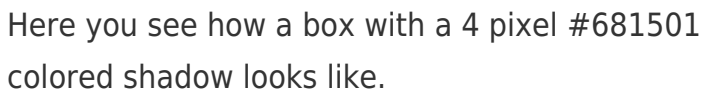
```
.border, #border, table{ border:4px solid
#681501 }
```

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

```
.border{ border-color:#681501 }
```

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

Here you see how a box with a 4 pixel #681501 colored shadow looks like.

A rectangular box with a dark red border and a dark red drop shadow. The text inside the box is "Here you see how a box with a 4 pixel #681501 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681501; -webkit-box-shadow:4px 4px  
4px 4px #681501; box-shadow:4px 4px 4px  
4px #681501 }
```

# Background

The CSS property to change the background color of an element to Hex 681501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681501 }
```

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

```
.background{ background-color:#681501 }
```

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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