

# Converting Colors

Hex(681541)

Have a look what the booklet for  
Hex(681541) contains.

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**Color**

**Hex(681541)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	681541
RGB	104, 21, 65
RGB Percent	41%, 8%, 25%
CMY	0.5922, 0.9176, 0.7451
CMYK	0.00, 0.80, 0.38, 0.59
HSL	328°, 66%, 25%
HSV	328°, 80%, 41%
XYZ	6.9312, 3.8610, 5.3810
YIQ	50.8330, 35.3440, 31.2800

# Conversions

## Conversions Part 2

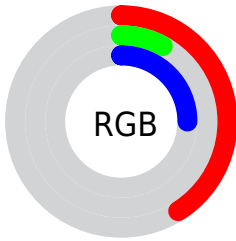
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 21, 65
Decimal	6821185
CIELab	23.21, 39.90, -5.80
CIElCh	23, 40.319, 351.734
Yxy	3.8610, 0.4286, 0.2387
Android (android.graphics.Color)	4285011265 (0xFF681541)
YUV	50.8330, 6.9843, 46.6275
Hunter-Lab	19.6495, 28.5778, -2.4817

# Details

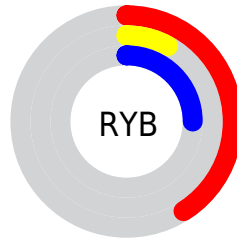
The Hex color **681541** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **15683C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9E4971**, and **350017** is the 20% darker color. If you saturate the color by 10%, you get **680B3C**, and if you desaturate by 10%, it is **681F46**.

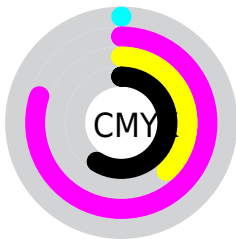
# Distribution



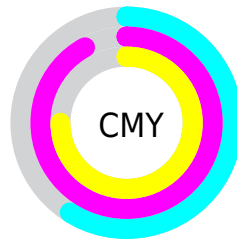
- Red (41%)
- Green (8%)
- Blue (25%)



- Red (41%)
- Yellow (8%)
- Blue (25%)



- Cyan (0%)
- Magenta (80%)
- Yellow (38%)
- Black (59%)



- Cyan (59%)
- Magenta (92%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 681541 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 681541 by changing the saturation by 10% instead.



681541

681541

FFFFFF

4E002B

9E4971

350017

BA638A

170000

D77DA4

000000

F498C0

FFB3DB

FFCFF8

FFECFF

681541

681541

■ 680B3C

■ 681F46

■ 680037

■ 682A4B

■ 683450

■ 683F55

■ 684959

■ 68535E

■ 685E63

■ 686868

■ 68736D

# Harmonies

## Analogous

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



53245D



681541



6B1723

# Triad

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



681541



303C00



004366

# Complementary

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



681541



15683C

# 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.



00454D



681541



00420E

# Square

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



681541



4C3300



00442E



003E73

# Rectangle

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



681541



652010



00442E



00445F



# Sweetspot

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



681541



876778



3C1568



45313B



C4C4C4



454545



# Same Dimension

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



681541



87054A



681518



332E31



73003D



F20080



# Inverse Universe

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



681541



87054A



156865



332E31



73003D

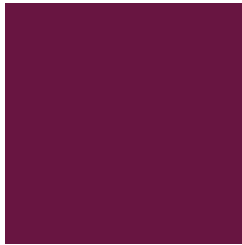


F20080



# Previews

## White Background



This preview shows how the Hex color 681541 looks on a white background.

## Color Contrast Check

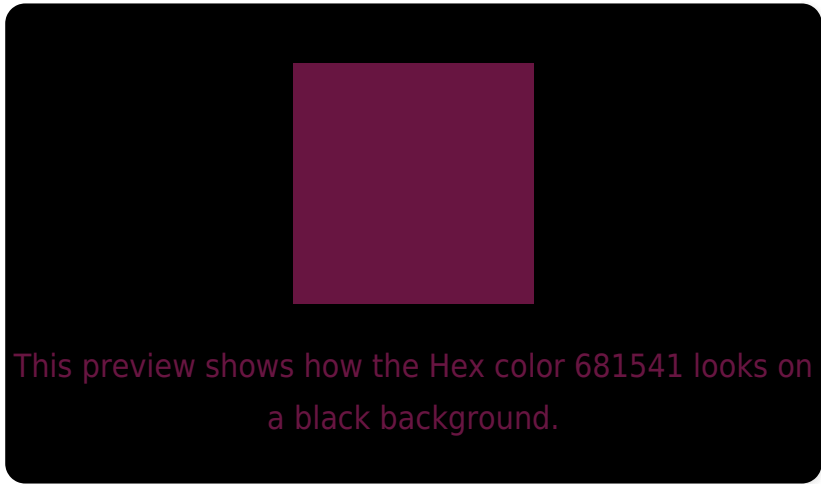
Large Text (above 18pt) WCAG AA ✓ Pass

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

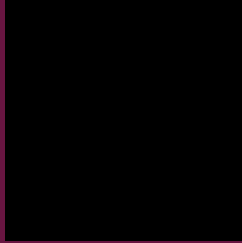
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 681541 Background



This preview shows how black text looks on a background with the Hex color 681541.



This preview shows how white text looks on a background with the Hex color 681541.

# 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**  
681541

**Protanopia**  
2E3858

**Deuteranopia**  
3D383D



**Tritanopia**  
661F21

# Trichromacy



**Original Color**  
681541

**Protanomaly**  
432B50

**Deuteranomaly**  
4D2B3E

**Tritanomaly**  
671B2D

# Monochromacy



**Original Color**  
681541

**Achromatopsia**  
333333

**Achromatomaly**  
462838

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 681541 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 #681541 looks like.

```
.text, #text, p{  
    color:#681541  
}
```

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 #681541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681541
}
```

## Border

The CSS property to change the border of an element to Hex 681541 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".

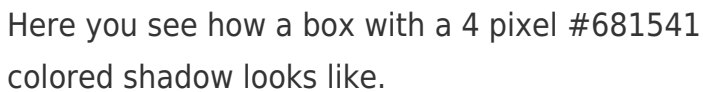
```
.border, #border, table{ border:4px solid
#681541 }
```

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

```
.border{ border-color:#681541 }
```

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

Here you see how a box with a 4 pixel #681541 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681541; -webkit-box-shadow:4px 4px  
4px 4px #681541; box-shadow:4px 4px 4px  
4px #681541 }
```

# Background

The CSS property to change the background color of an element to Hex 681541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681541 }
```

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

```
.background{ background-color:#681541 }
```

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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