

# Converting Colors

Hex(701334)

Have a look what the booklet for  
Hex(701334) contains.

<b>Hex(701334)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(701334)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	701334
RGB	112, 19, 52
RGB Percent	44%, 7%, 20%
CMY	0.5608, 0.9255, 0.7961
CMYK	0.00, 0.83, 0.54, 0.56
HSL	339°, 71%, 26%
HSV	339°, 83%, 44%
XYZ	7.5348, 4.1584, 3.6543
YIQ	50.5690, 44.8350, 29.9790

# Conversions

## Conversions Part 2

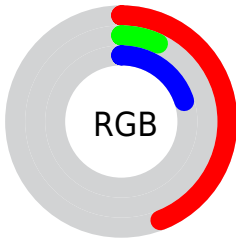
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 19, 52
Decimal	7344948
CIE <sub>Lab</sub>	24.19, 41.56, 4.78
CIE <sub>LCh</sub>	24, 41.838, 6.557
Yxy	4.1584, 0.4909, 0.2710
Android (android.graphics.Color)	4285535028 (0xFF701334)
YUV	50.5690, 0.7055, 53.8750
Hunter-Lab	20.3922, 30.2683, 3.6496

# Details

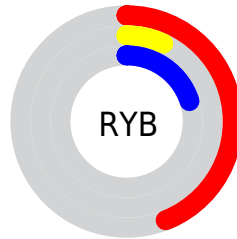
The Hex color **701334** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **13704F**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **A84962**, and **3B0006** is the 20% darker color. If you saturate the color by 10%, you get **70082D**, and if you desaturate by 10%, it is **701E3B**.

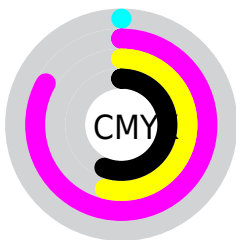
# Distribution



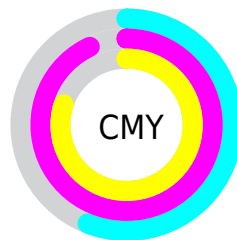
- Red (44%)
- Green (7%)
- Blue (20%)



- Red (44%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (83%)
- Yellow (54%)
- Black (56%)



- Cyan (56%)
- Magenta (93%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 701334 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 701334 by changing the saturation by 10% instead.



 701334

 701334

FFFFFF

 55001F

 A84962

 3B0006

 C5637B

 1E0001

 E27D95

 000000

 FF98AF

 FFB4CB

 FFD0E7

 FFECFF

 701334

 701334

70082D

701E3B

700028

702942

70354A

704051

704B58

70565F

706167

706D6E

707875

# Harmonies

## Analogous

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



641C53



701334



6B1E16

# Triad

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



701334



1F4200



004373

# Complementary

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



701334



13704F

# 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.



00475E



701334



00461F

# Square

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



701334



423A00



004740



003B79

# Rectangle

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



701334



612900



004740



00456E



# Sweetspot

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



701334



916D7A



4E1370



4A343C



C9C9C9



4A4A4A



# Same Dimension

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



701334



910034



701F13



383234



78002B



F70058



# Inverse Universe

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



701334



910034



136470



383234



78002B

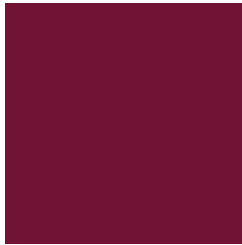


F70058



# Previews

## White Background



This preview shows how the Hex color 701334 looks on a white background.

## Color Contrast Check

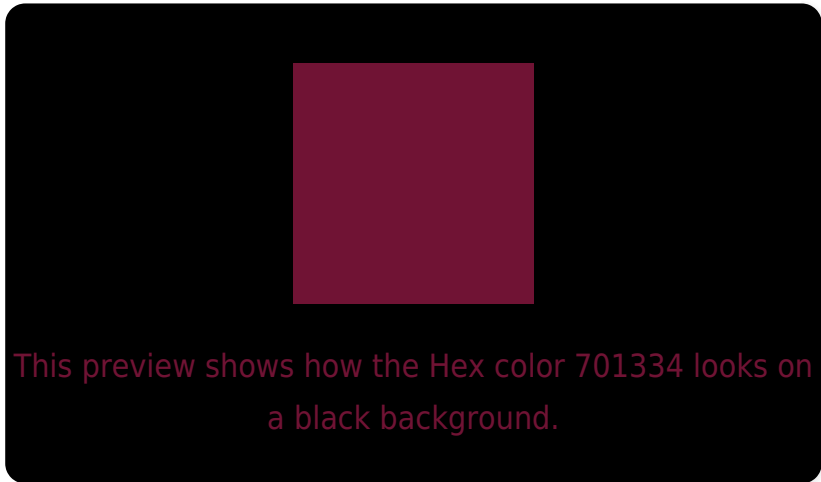
Large Text (above 18pt) WCAG AA ✓ Pass

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 701334 Background



This preview shows how black text looks on a background with the Hex color 701334.



This preview shows how white text looks on a background with the Hex color 701334.

# 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**  
701334

**Protanopia**  
393B48

**Deuteranopia**  
453930



**Tritanopia**  
6F1A1B

# Trichromacy



**Original Color**  
701334

**Protanomaly**  
4D2C41

**Deuteranomaly**  
552B31

**Tritanomaly**  
6F1724

# Monochromacy



**Original Color**  
701334

**Achromatopsia**  
333333

**Achromatomaly**  
492733

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 701334 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 #701334 looks like.

```
.text, #text, p{  
    color:#701334  
}
```

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 #701334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701334
}
```

## Border

The CSS property to change the border of an element to Hex 701334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

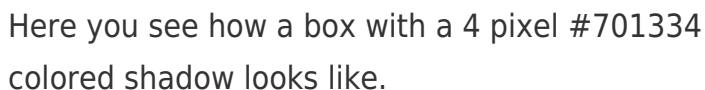
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#701334 }
```

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

```
.border{ border-color:#701334 }
```

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



Here you see how a box with a 4 pixel #701334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701334; -webkit-box-shadow:4px 4px  
4px 4px #701334; box-shadow:4px 4px 4px  
4px #701334 }
```

# Background

The CSS property to change the background color of an element to Hex 701334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701334 }
```

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

```
.background{ background-color:#701334 }
```

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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