

# Converting Colors

Hex(713642)

Have a look what the booklet for  
Hex(713642) contains.

<b>Hex(713642)</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(713642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	713642
RGB	113, 54, 66
RGB Percent	44%, 21%, 26%
CMY	0.5569, 0.7882, 0.7412
CMYK	0.00, 0.52, 0.42, 0.56
HSL	348°, 35%, 33%
HSV	348°, 52%, 44%
XYZ	9.1126, 6.5424, 5.9368
YIQ	73.0090, 31.3120, 16.2400

# Conversions

## Conversions Part 2

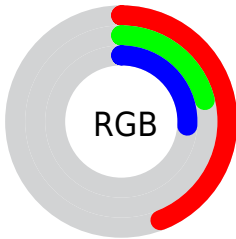
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 54, 66
Decimal	7419458
CIE <sub>Lab</sub>	30.74, 27.37, 4.75
CIE <sub>LCh</sub>	31, 27.780, 9.845
Yxy	6.5424, 0.4220, 0.3030
Android (android.graphics.Color)	4285609538 (0xFF713642)
YUV	73.0090, -3.4554, 35.0721
Hunter-Lab	25.5781, 18.8317, 4.1432

# Details

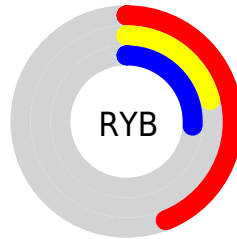
The Hex color **713642** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **367165**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A76772**, and **3E0718** is the 20% darker color. If you saturate the color by 10%, you get **712B39**, and if you desaturate by 10%, it is **71414B**.

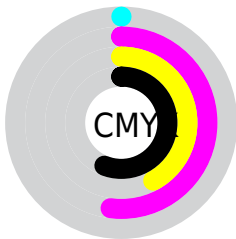
# Distribution



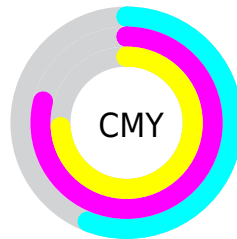
- Red (44%)
- Green (21%)
- Blue (26%)



- Red (44%)
- Yellow (21%)
- Blue (26%)



- Cyan (0%)
- Magenta (52%)
- Yellow (42%)
- Black (56%)



- Cyan (56%)
- Magenta (79%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 713642 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 713642 by changing the saturation by 10% instead.



713642

713642

FFFFFF

571F2C

A76772

3E0718

C3808B

2A0001

E09BA6

000000

FDB6C1

FFD1DC


FFEEF9

713642

713642


712B39

71414B


 711F30

 714D54

 711427


 71585D

 71091E

 716366


 710017

 716E6F

 717A78

 718581

 71908A

 719C93

# Harmonies

## Analogous

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



693858



713642



6E3A2E

# Triad

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



713642



374F26



004F71

# Complementary

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



713642



367165

# 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.



005264



713642



165239

# Square

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



713642



4E491C



00534F



314873

# Rectangle

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



713642



663F23



00534F



00506D



# Sweetspot

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



713642



947C81



643671



4A3C3F



C9C9C9



4A4A4A



# Same Dimension

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



713642



94374A



714736



383234



780018



F70032



# Inverse Universe

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



713642



94374A



366071



383234



780018

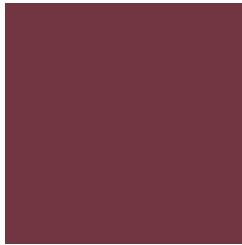


F70032



# Previews

## White Background



This preview shows how the Hex color 713642 looks on a white background.

## Color Contrast Check

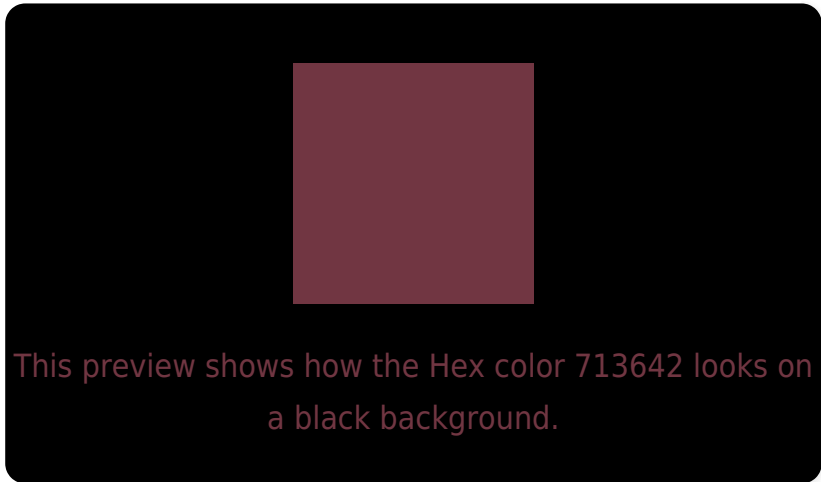
Large Text (above 18pt) WCAG AA ✓ Pass

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

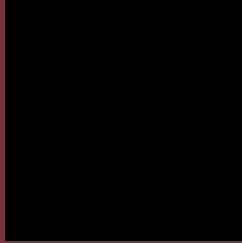
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 713642 Background



This preview shows how black text looks on a background with the Hex color 713642.



This preview shows how white text looks on a background with the Hex color 713642.

# 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**  
713642

**Protanopia**  
49494C

**Deuteranopia**  
54463F



**Tritanopia**  
70373B

# Trichromacy



**Original Color**

713642

**Protanomaly**

584248

**Deuteranomaly**

5F4040

**Tritanomaly**

70373E

# Monochromacy



**Original Color**

713642

**Achromatopsia**

494949

**Achromatomaly**

584246

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 713642 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 #713642 looks like.

```
.text, #text, p{  
    color:#713642  
}
```

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 #713642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713642
}
```

## Border

The CSS property to change the border of an element to Hex 713642 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
#713642 }
```

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

```
.border{ border-color:#713642 }
```

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

Here you see how a box with a 4 pixel #713642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713642; -webkit-box-shadow:4px 4px  
4px 4px #713642; box-shadow:4px 4px 4px  
4px #713642 }
```

# Background

The CSS property to change the background color of an element to Hex 713642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713642 }
```

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

```
.background{ background-color:#713642 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor