

# Converting Colors

Hex(714730)

Have a look what the booklet for  
Hex(714730) contains.

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**Color**

**Hex(714730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	714730
RGB	113, 71, 48
RGB Percent	44%, 28%, 19%
CMY	0.5569, 0.7216, 0.8118
CMYK	0.00, 0.37, 0.58, 0.56
HSL	21°, 40%, 32%
HSV	21°, 58%, 44%
XYZ	9.5968, 8.2306, 3.8792
YIQ	80.9360, 32.4150, 1.7510

# Conversions

## Conversions Part 2

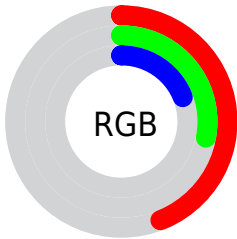
Format	Color
R <sub>Y</sub> B	113, 84, 48
Decimal	7423792
CIE Lab	34.46, 15.33, 21.19
CIE LCh	34, 26.154, 54.108
Yxy	8.2306, 0.4421, 0.3792
Android (android.graphics.Color)	4285613872 (0xFF714730)
YUV	80.9360, -16.2374, 28.1201
Hunter-Lab	28.6890, 9.5045, 12.0654

# Details

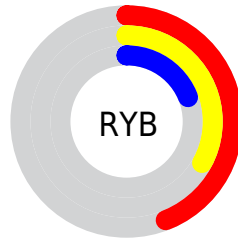
The Hex color **714730** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **305A71**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A7785E**, and **3E1B01** is the 20% darker color. If you saturate the color by 10%, you get **714025**, and if you desaturate by 10%, it is **714E3B**.

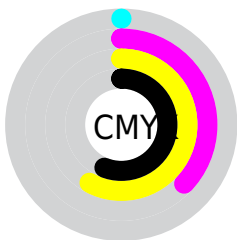
# Distribution



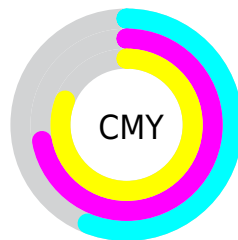
- Red (44%)
- Green (28%)
- Blue (19%)



- Red (44%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (37%)
- Yellow (58%)
- Black (56%)



- Cyan (56%)
- Magenta (72%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 714730 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 714730 by changing the saturation by 10% instead.



 714730

 714730

FFFFFF

 57301B

 A7785E

 3E1B01

 C39177

 260400

 E0AC91


 000000

 FDC7AC


 FFE4C7

 FFFFE3

 714730

 714730

 714025

 714E3B

■ 713819

■ 715647

■ 71310E

■ 715D52

■ 712A03

■ 71645D

■ 712800

■ 716C69

■ 717374

■ 717A7F

■ 71818A

■ 718996

# Harmonies

## Analogous

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



794141



714730



624E27

# Triad

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



714730



115C4C



4D4D77

# Complementary

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



714730



305A71

# 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.



26547A



714730



005C61

# Square

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



714730



345938



005972



67456A

# Rectangle

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



714730



545328



005972



425079



# Sweetspot

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



714730



94847B



71305A



4A403B



C9C9C9



4A4A4A



# Same Dimension

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



714730



94522E



716730



383432



782A00



F75800



# Inverse Universe

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



305A71



2E7094



303A71



323638



004D78



00A0F7



# Previews

## White Background



This preview shows how the Hex color 714730 looks on a white background.

## Color Contrast Check

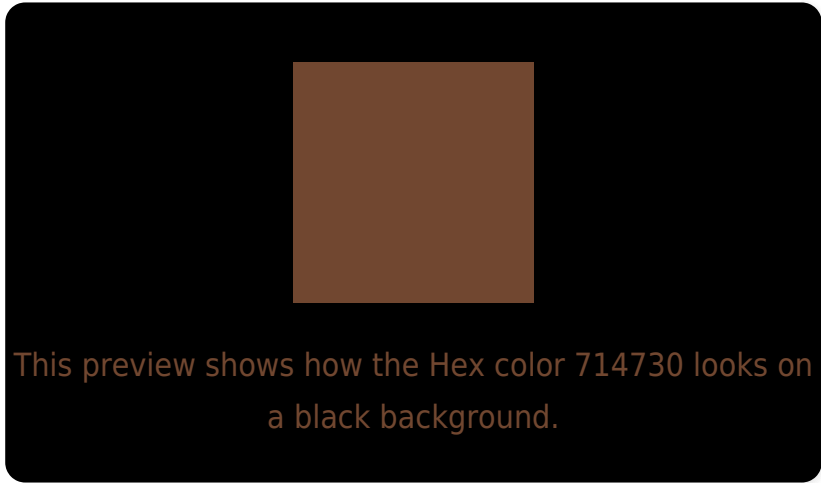
Large Text (above 18pt) WCAG AA ✓ Pass

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 714730 Background



This preview shows how black text looks on a background with the Hex color 714730.



This preview shows how white text looks on a background with the Hex color 714730.

# 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**  
714730

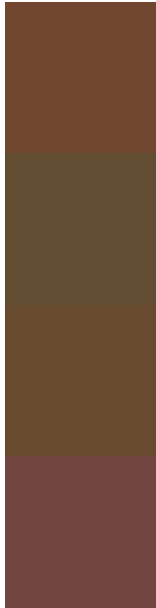
**Protanopia**  
595134

**Deuteranopia**  
634E2F



**Tritanopia**  
734449

# Trichromacy



**Original Color**  
714730

**Protanomaly**  
624D33

**Deuteranomaly**  
684B2F

**Tritanomaly**  
724540

# Monochromacy



**Original Color**  
714730

**Achromatopsia**  
515151

**Achromatomaly**  
5D4D45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 714730 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 #714730 looks like.

```
.text, #text, p{  
    color:#714730  
}
```

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 #714730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #714730
}
```

## Border

The CSS property to change the border of an element to Hex 714730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

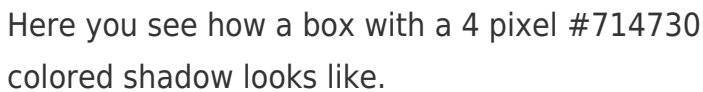
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#714730 }
```

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

```
.border{ border-color:#714730 }
```

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



Here you see how a box with a 4 pixel #714730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #714730; -webkit-box-shadow:4px 4px  
4px 4px #714730; box-shadow:4px 4px 4px  
4px #714730 }
```

# Background

The CSS property to change the background color of an element to Hex 714730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#714730 }
```

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

```
.background{ background-color:#714730 }
```

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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