

# Converting Colors

Hex(71714A)

Have a look what the booklet for  
Hex(71714A) contains.

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**Color**

**Hex(71714A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71714A
RGB	113, 113, 74
RGB Percent	44%, 44%, 29%
CMY	0.5569, 0.5569, 0.7098
CMYK	0.00, 0.00, 0.35, 0.56
HSL	60°, 21%, 37%
HSV	60°, 35%, 44%
XYZ	13.9512, 15.8154, 8.7959
YIQ	108.5540, 12.5190, -12.1290

# Conversions

## Conversions Part 2

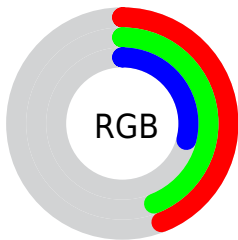
Format	Color
<a href="#">RYB</a>	<a href="#">74, 113, 74</a>
Decimal	<a href="#">7434570</a>
CIELab	<a href="#">46.73, -6.64, 21.70</a>
CIELCh	<a href="#">47, 22.694, 107.020</a>
Yxy	<a href="#">15.8154, 0.3618, 0.4101</a>
Android (android.graphics.Color)	<a href="#">4285624650 (0xFF71714A)</a>
YUV	<a href="#">108.5540, -17.0351, 3.8991</a>
Hunter-Lab	<a href="#">39.7686, -6.9754, 14.7243</a>

# Details

The Hex color **71714A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A4A71**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A5A57B**, and **40411D** is the 20% darker color. If you saturate the color by 10%, you get **71713F**, and if you desaturate by 10%, it is **717155**.

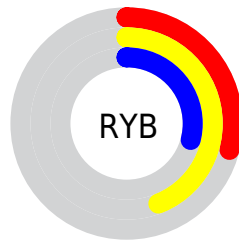
# Distribution



Red (44%)

Green (44%)

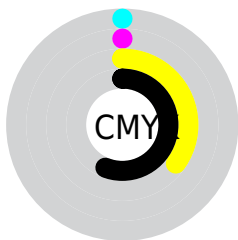
Blue (29%)



Red (29%)

Yellow (44%)

Blue (29%)

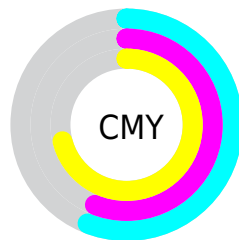


Cyan (0%)

Magenta (0%)

Yellow (35%)

Black (56%)



Cyan (56%)

Magenta (56%)


Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 71714A 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 71714A by changing the saturation by 10% instead.



 71714A

 71714A

FFFFFF

 585933

 A5A57B

 40411D

 C1C095

 2A2B06


 DDDCB0


 121700

 FAF8CB


 000000

 FFFF E8


 71714A

 71714A

 71713F

 717155

 717133

 717161

■ 717128

■ 71716C

■ 71711D

■ 717177

■ 717112

■ 717183

■ 717106

■ 71718E

■ 717100

■ 717199

■ 7171A4

■ 7171B0

# Harmonies

## Analogous

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



846B4A



71714A



5B7654

# Triad

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



71714A



33778A



8F6178

# Complementary

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



71714A



4A4A71

# 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.



7F6689



71714A



497393

# Square

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



71714A



337979



666D93



956165

# Rectangle

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



71714A



4C785F



666D93



8B637E



# Sweetspot

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



71714A



949485



714A4A



4A4A41



C9C9C9



4A4A4A



# Same Dimension

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



71714A



949457



5E714A



383832



787800



F7F700



# Inverse Universe

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



4A4A71



575794



5E4A71



323238



000078



0000F7



# Previews

## White Background



This preview shows how the Hex color 71714A looks on a white background.

## Color Contrast Check

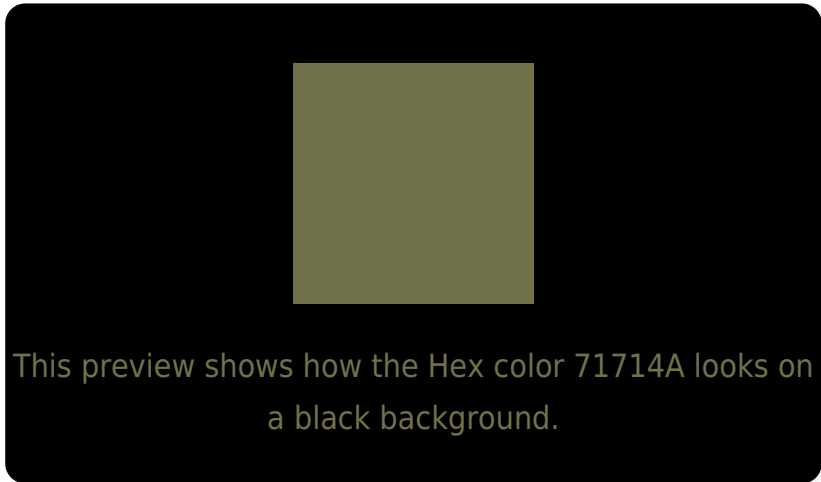
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

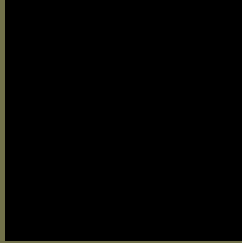
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 71714A Background



This preview shows how black text looks on a background with the Hex color 71714A.



This preview shows how white text looks on a background with the Hex color 71714A.

# 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](#).

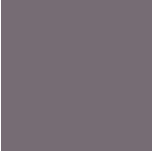
## Dichromacy



**Original Color**  
71714A

**Protanopia**  
786F49

**Deuteranopia**  
846A4C



**Tritanopia**  
766C74

# Trichromacy



**Original Color**  
71714A

**Protanomaly**  
757049

**Deuteranomaly**  
7D6D4B

**Tritanomaly**  
746E65

# Monochromacy



**Original Color**  
71714A

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6E6E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71714A 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 #71714A looks like.

```
.text, #text, p{  
    color:#71714A  
}
```

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 #71714A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71714A
}
```

## Border

The CSS property to change the border of an element to Hex 71714A 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
#71714A }
```

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

```
.border{ border-color:#71714A }
```

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

Here you see how a box with a 4 pixel #71714A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71714A; -webkit-box-shadow:4px 4px  
4px 4px #71714A; box-shadow:4px 4px 4px  
4px #71714A }
```

# Background

The CSS property to change the background color of an element to Hex 71714A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71714A }
```

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

```
.background{ background-color:#71714A }
```

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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