

# Converting Colors

Hex(73114A)

Have a look what the booklet for  
Hex(73114A) contains.

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**Color**

**Hex(73114A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73114A
RGB	115, 17, 74
RGB Percent	45%, 7%, 29%
CMY	0.5490, 0.9333, 0.7098
CMYK	0.00, 0.85, 0.36, 0.55
HSL	325°, 74%, 26%
HSV	325°, 85%, 45%
XYZ	8.5067, 4.5401, 6.9065
YIQ	52.8000, 40.1110, 38.5030

# Conversions

## Conversions Part 2

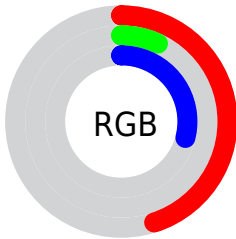
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 17, 74
Decimal	7541066
CIE <sub>Lab</sub>	25.38, 45.28, -8.41
CIE <sub>LCh</sub>	25, 46.058, 349.475
Yxy	4.5401, 0.4263, 0.2275
Android (android.graphics.Color)	4285731146 (0xFF73114A)
YUV	52.8000, 10.4516, 54.5494
Hunter-Lab	21.3076, 33.9748, -4.3026

# Details

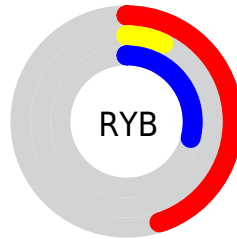
The Hex color **73114A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11733A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **AA497B**, and **3E001E** is the 20% darker color. If you saturate the color by 10%, you get **730545**, and if you desaturate by 10%, it is **731D4F**.

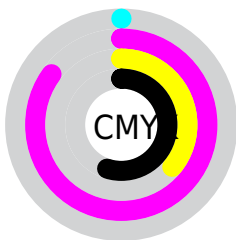
# Distribution



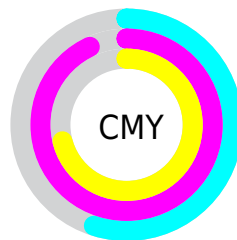
- Red (45%)
- Green (7%)
- Blue (29%)



- Red (45%)
- Yellow (7%)
- Blue (29%)



- Cyan (0%)
- Magenta (85%)
- Yellow (36%)
- Black (55%)



- Cyan (55%)
- Magenta (93%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73114A 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 73114A by changing the saturation by 10% instead.



 73114A

 73114A

FFFFFF

 580033

 AA497B

 3E001E

 C76394

 270002

 E47EAF

 000000

 FF99CA

 FFB5E7

 FFD1FF

 FFEEFF

 73114A

 73114A

730545

731D4F

730043

732854

733358

733F5D

734B62

735667

73626C

736D70

737975

# Harmonies

## Analogous

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



59266A



73114A



781127

# Triad

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



73114A



364100



004A71

# Complementary

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



73114A



11733A

# 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.



004B53



73114A



004707

# Square

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



73114A



553600



004A2E



004481

# Rectangle

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



73114A



711F11



004A2E



004B68



# Sweetspot

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



73114A



966F86



3A1173



4D3543



CCCCCC



4D4D4D



# Same Dimension

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



73114A



960058



731119



3B3538



7A0047



FA0091



# Inverse Universe

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



73114A



960058



11736B



3B3538



7A0047

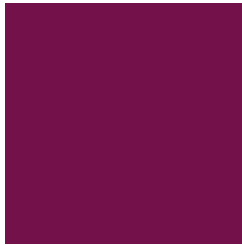


FA0091



# Previews

## White Background



This preview shows how the Hex color 73114A looks on a white background.

## Color Contrast Check

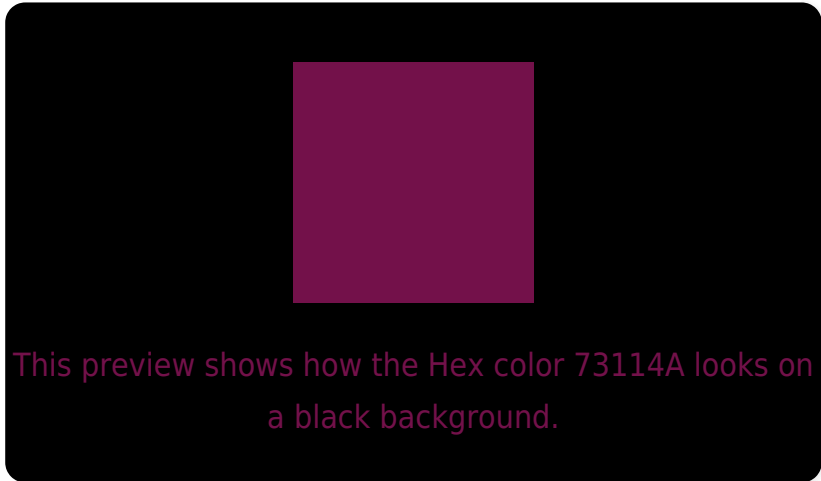
Large Text (above 18pt) WCAG AA ✓ Pass

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

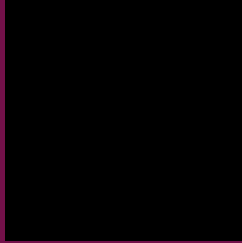
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73114A Background



This preview shows how black text looks on a background with the Hex color 73114A.



This preview shows how white text looks on a background with the Hex color 73114A.

# 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





# Trichromacy



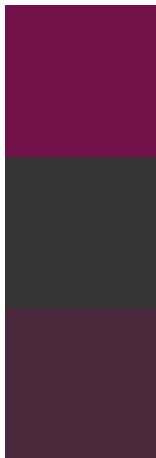
**Original Color**  
73114A

**Protanomaly**  
462D5C

**Deuteranomaly**  
532D47

**Tritanomaly**  
711B31

# Monochromacy



**Original Color**  
73114A

**Achromatopsia**  
353535

**Achromatomaly**  
4C283D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73114A 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 #73114A looks like.

```
.text, #text, p{  
    color:#73114A  
}
```

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 #73114A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73114A
}
```

## Border

The CSS property to change the border of an element to Hex 73114A 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
#73114A }
```

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

```
.border{ border-color:#73114A }
```

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

Here you see how a box with a 4 pixel #73114A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73114A; -webkit-box-shadow:4px 4px  
4px 4px #73114A; box-shadow:4px 4px 4px  
4px #73114A }
```

# Background

The CSS property to change the background color of an element to Hex 73114A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73114A }
```

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

```
.background{ background-color:#73114A }
```

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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