

# Converting Colors

Hex(C73A54)

Have a look what the booklet for  
Hex(C73A54) contains.

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**Color**

**Hex(C73A54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C73A54
RGB	199, 58, 84
RGB Percent	78%, 23%, 33%
CMY	0.2196, 0.7725, 0.6706
CMYK	0.00, 0.71, 0.58, 0.22
HSL	349°, 56%, 50%
HSV	349°, 71%, 78%
XYZ	26.6665, 15.8083, 10.0333
YIQ	103.1230, 75.6900, 37.9780

# Conversions

## Conversions Part 2

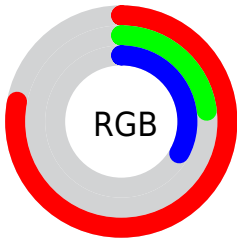
Format	Color
<a href="#">RYB</a>	<a href="#">199, 58, 84</a>
Decimal	<a href="#">13056596</a>
CIELab	<a href="#">46.72, 56.97, 17.81</a>
CIElCh	<a href="#">47, 59.689, 17.356</a>
Yxy	<a href="#">15.8083, 0.5079, 0.3011</a>
Android (android.graphics.Color)	<a href="#">4291246676</a> ( <a href="#">0xFFC73A54</a> )
YUV	<a href="#">103.1230, -9.4276, 84.0841</a>
Hunter-Lab	<a href="#">39.7597, 50.1390, 12.8700</a>

# Details

The Hex color **C73A54** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3AC7AD**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7385**, and **8B0028** is the 20% darker color. If you saturate the color by 10%, you get **C72644**, and if you desaturate by 10%, it is **C74E64**.

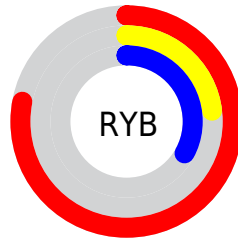
# Distribution



Red (78%)

Green (23%)

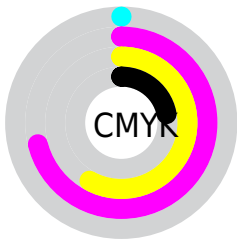
Blue (33%)



Red (78%)

Yellow (23%)

Blue (33%)

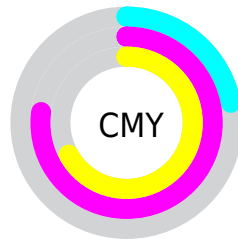


Cyan (0%)

Magenta (71%)

Yellow (58%)

Black (22%)



Cyan (22%)

Magenta (77%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C73A54 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 C73A54 by changing the saturation by 10% instead.



 C73A54

 C73A54

FFFFFF

 A9183D

 FF7385

 8B0028

 FF8F9F

 6D0014

 FFABBA

 500000

 FFC7D6

 340002

 FFE5F2

 000000

 C73A54

 C73A54

 C72644

 C74E64

 C71234

 C76274

 C70025

 C77685

 C78A95

 C79EA5

 C7B1B5

 C7C5C6

 C7D9D6

 C7EDE6

# Harmonies

## Analogous

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



BD3C86



C73A54



B84E25

# Triad

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



C73A54



297F24



007BD1

# Complementary

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



C73A54



3AC7AD

# 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.



0083B8



C73A54



008457

# Square

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



C73A54



6A7500



00858B



396BCF

# Rectangle

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



C73A54



A45E00



00858B



007ECB



# Sweetspot

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



C73A54



FFC9D3



AB3AC7



806066



000000



808080



# Same Dimension

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



C73A54



FF264E



C7643A



635A5B



A3001E



240007



# Inverse Universe

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



C73A54



FF264E



3A9DC7



635A5B



A3001E



240007



# Previews

## White Background



This preview shows how the Hex color C73A54 looks on a white background.

## Color Contrast Check

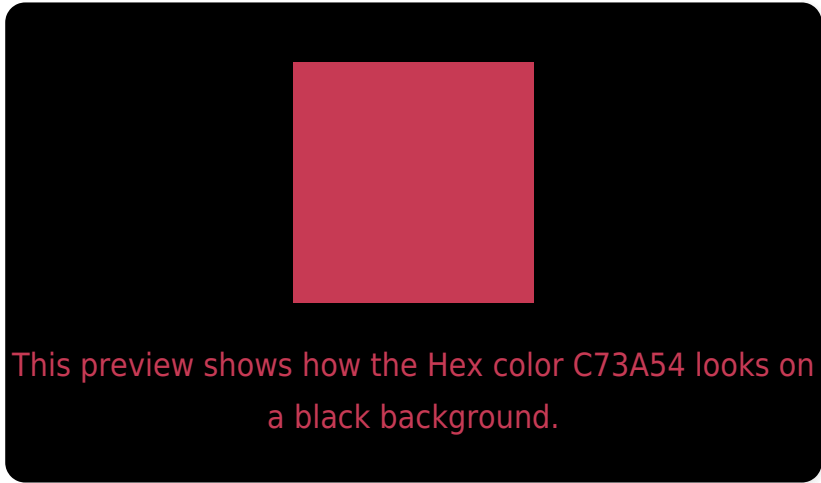
Large Text (above 18pt) WCAG AA ✓ Pass

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 C73A54 Background



This preview shows how black text looks on a background with the Hex color C73A54.



This preview shows how white text looks on a background with the Hex color C73A54.

# 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**  
C73A54

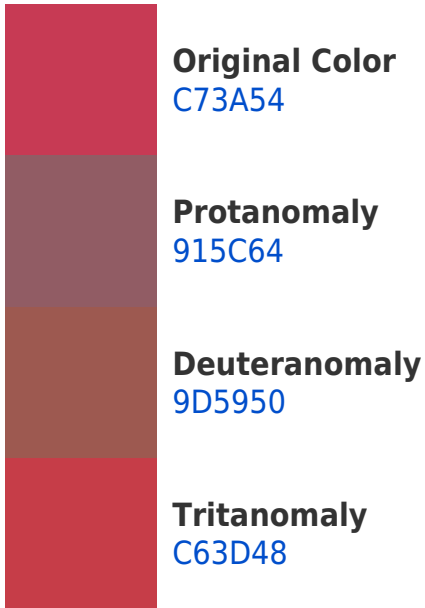
**Protanopia**  
726F6D

**Deuteranopia**  
856B4D

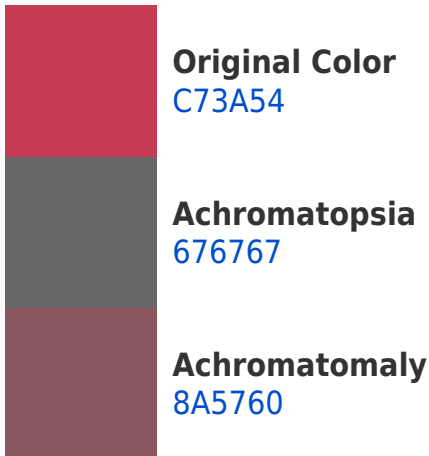


**Tritanopia**  
C63E41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C73A54 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 #C73A54 looks like.

```
.text, #text, p{  
    color:#C73A54  
}
```

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 #C73A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C73A54
}
```

## Border

The CSS property to change the border of an element to Hex C73A54 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
#C73A54 }
```

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

```
.border{ border-color:#C73A54 }
```

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

Here you see how a box with a 4 pixel #C73A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C73A54; -webkit-box-shadow:4px 4px  
4px 4px #C73A54; box-shadow:4px 4px 4px  
4px #C73A54 }
```

# Background

The CSS property to change the background color of an element to Hex C73A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C73A54 }
```

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

```
.background{ background-color:#C73A54 }
```

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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