

# Converting Colors

Hex(C45A73)

Have a look what the booklet for  
Hex(C45A73) contains.

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# Color

**Hex(C45A73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C45A73
RGB	196, 90, 115
RGB Percent	77%, 35%, 45%
CMY	0.2314, 0.6471, 0.5490
CMYK	0.00, 0.54, 0.41, 0.23
HSL	346°, 47%, 56%
HSV	346°, 54%, 77%
XYZ	29.5156, 20.2859, 18.5796
YIQ	124.5440, 55.1510, 30.2470

# Conversions

## Conversions Part 2

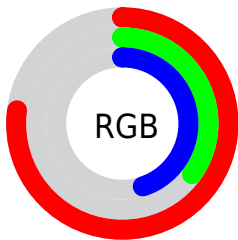
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 90, 115
Decimal	12868211
CIE <sub>Lab</sub>	52.16, 44.80, 6.58
CIE <sub>LCh</sub>	52, 45.283, 8.360
Yxy	20.2859, 0.4316, 0.2967
Android (android.graphics.Color)	4291058291 (0xFFC45A73)
YUV	124.5440, -4.7052, 62.6669
Hunter-Lab	45.0399, 38.1553, 7.0699

# Details

The Hex color **C45A73** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **5AC4AB**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8FA7**, and **8A2543** is the 20% darker color. If you saturate the color by 10%, you get **C44664**, and if you desaturate by 10%, it is **C46E82**.

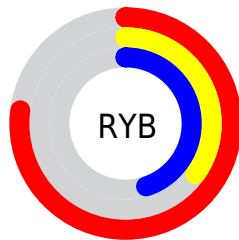
# Distribution



Red (77%)

Green (35%)

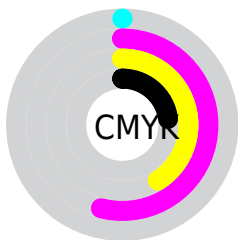
Blue (45%)



Red (77%)

Yellow (35%)

Blue (45%)

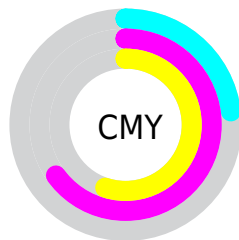


Cyan (0%)

Magenta (54%)

Yellow (41%)

Black (23%)



Cyan (23%)

Magenta (65%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C45A73 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 C45A73 by changing the saturation by 10% instead.



 C45A73

 C45A73

FFFFFF

 A7405B

 FF8FA7

 8A2543

 FFABC2

 6E012D

 FFC7DE

 530019

 FFE4FA

 3A0001

 170000

 000000

 C45A73

 C45A73

 C44664

 C46E82

 C43355

 C48191

 C41F46

 C495A0

 C40C37

 C4A8AF

 C4002E

 C4BCBE

 C4D0CD

 C4E3DC

 C4F7EB

 C4FFFA

# Harmonies

## Analogous

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



B45F9A



C45A73



BF624E

# Triad

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



C45A73



5E883C



0088C4

# Complementary

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



C45A73



5AC4AB

# 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.



008EAC



C45A73



1C8E5E

# Square

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



C45A73



887E2B



009086



497DC9

# Rectangle

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



C45A73



B26B3A



009086



008BBE



# Sweetspot

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



C45A73



FFD6E0



AA5AC4



80676D



000000



808080



# Same Dimension

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



C45A73



FF5980



C4755A



615759



A10026



210008



# Inverse Universe

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



C45A73



FF5980



5AAAC4



615759



A10026



210008



# Previews

## White Background



This preview shows how the Hex color C45A73 looks on a white background.

## Color Contrast Check

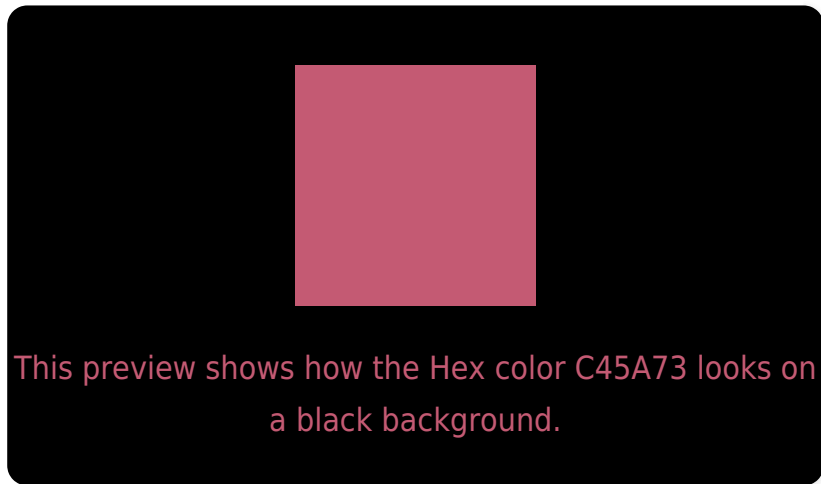
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Hex C45A73 Background



This preview shows how black text looks on a background with the Hex color C45A73.




This preview shows how white text looks on a background with the Hex color C45A73.

# 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](#).

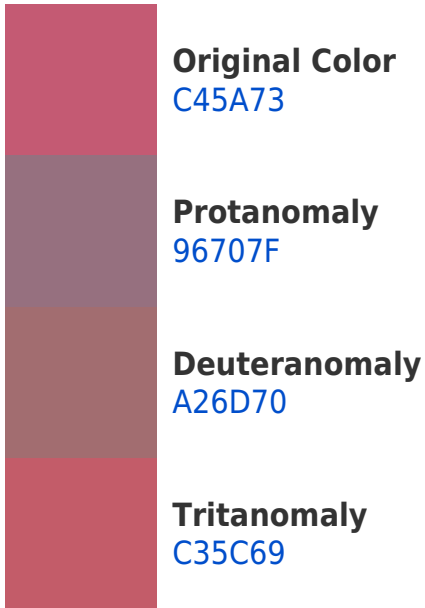
## Dichromacy



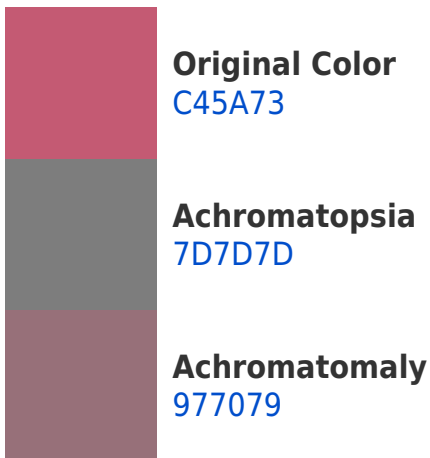


**Tritanopia**  
C35D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C45A73 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 #C45A73 looks like.

```
.text, #text, p{  
    color:#C45A73  
}
```

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 #C45A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45A73
}
```

## Border

The CSS property to change the border of an element to Hex C45A73 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
#C45A73 }
```

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

```
.border{ border-color:#C45A73 }
```

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

Here you see how a box with a 4 pixel #C45A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45A73; -webkit-box-shadow:4px 4px  
4px 4px #C45A73; box-shadow:4px 4px 4px  
4px #C45A73 }
```

# Background

The CSS property to change the background color of an element to Hex C45A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45A73 }
```

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

```
.background{ background-color:#C45A73 }
```

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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