

# Converting Colors

Hex(C45D7E)

Have a look what the booklet for  
Hex(C45D7E) contains.

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# Color

Hex(C45D7E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C45D7E
RGB	196, 93, 126
RGB Percent	77%, 36%, 49%
CMY	0.2314, 0.6353, 0.5059
CMYK	0.00, 0.53, 0.36, 0.23
HSL	341°, 47%, 57%
HSV	341°, 53%, 77%
XYZ	30.4452, 21.0708, 22.2011
YIQ	127.5590, 50.7950, 32.0990

# Conversions

## Conversions Part 2

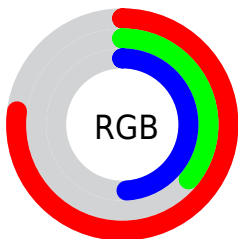
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 93, 126
Decimal	12868990
CIE <sub>Lab</sub>	53.03, 44.58, 1.30
CIE <sub>LCh</sub>	53, 44.597, 1.665
Yxy	21.0708, 0.4130, 0.2858
Android (android.graphics.Color)	4291059070 (0xFFC45D7E)
YUV	127.5590, -0.7686, 60.0228
Hunter-Lab	45.9030, 38.0601, 3.4563

# Details

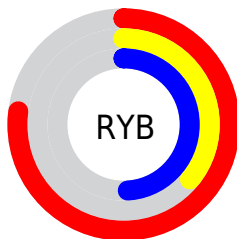
The Hex color **C45D7E** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5DC4A3**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF92B3**, and **8B284D** is the 20% darker color. If you saturate the color by 10%, you get **C44971**, and if you desaturate by 10%, it is **C4718B**.

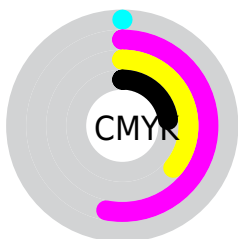
# Distribution



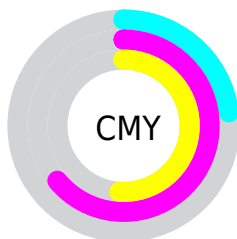
- Red (77%)
- Green (36%)
- Blue (49%)



- Red (77%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (36%)
- Black (23%)



- Cyan (23%)
- Magenta (64%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C45D7E 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 C45D7E by changing the saturation by 10% instead.



 C45D7E

 C45D7E

FFFFFF

 A74365

 FF92B3

 8B284D

 FFAECE

 6F0737

 FFCAEA

 540021

 FFE7FF

 3B000A

 1C0001

 000000

 C45D7E

 C45D7E

 C44971

 C4718B

 C43663

 C48499

 C42256

 C498A6

 C40F49

 C4ABB3

 C4003F

 C4BFC1

 C4D3CE

 C4E6DB

 C4FAE9

 C4FFF6

# Harmonies

## Analogous

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



AF65A4



C45D7E



C36258

# Triad

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



C45D7E



6B883A



008CC1

# Complementary

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



C45D7E



5DC4A3

# 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.



0091A6



C45D7E



368F59

# Square

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



C45D7E



927D2E



009280



3682CB

# Rectangle

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



C45D7E



B96A43



009280



008EBA



# Sweetspot

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



C45D7E



FFD6E3



A25DC4



80676F



000000



808080



# Same Dimension

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



C45D7E



FF5E92



C46E5D



61575A



A10033



21000B



# Inverse Universe

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



C45D7E



FF5E92



5DB3C4



61575A



A10033



21000B



# Previews

## White Background



This preview shows how the Hex color C45D7E looks on a white background.

## Color Contrast Check

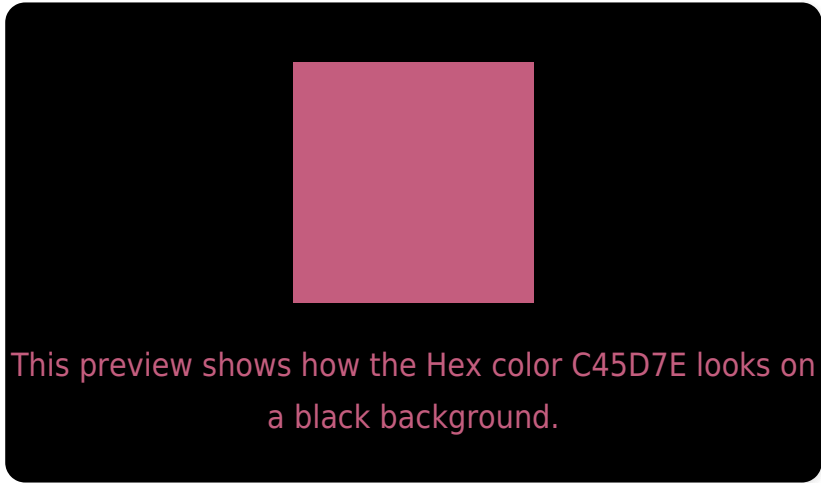
Large Text (above 18pt) WCAG AA ✓ Pass

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 C45D7E Background



This preview shows how black text looks on a background with the Hex color C45D7E.



This preview shows how white text looks on a background with the Hex color C45D7E.

# 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**  
C45D7E

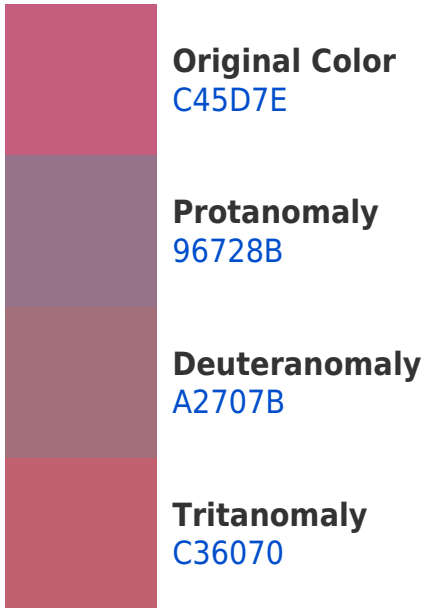
**Protanopia**  
7C7E92

**Deuteranopia**  
8E7B79



**Tritanopia**  
C26168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C45D7E 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 #C45D7E looks like.

```
.text, #text, p{  
    color:#C45D7E  
}
```

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 #C45D7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45D7E
}
```

## Border

The CSS property to change the border of an element to Hex C45D7E 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
#C45D7E }
```

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

```
.border{ border-color:#C45D7E }
```

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

Here you see how a box with a 4 pixel #C45D7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45D7E; -webkit-box-shadow:4px 4px  
4px 4px #C45D7E; box-shadow:4px 4px 4px  
4px #C45D7E }
```

# Background

The CSS property to change the background color of an element to Hex C45D7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45D7E }
```

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

```
.background{ background-color:#C45D7E }
```

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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