

# Converting Colors

Hex(C35E86)

Have a look what the booklet for  
Hex(C35E86) contains.

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# Color

**Hex(C35E86)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C35E86
RGB	195, 94, 134
RGB Percent	76%, 37%, 53%
CMY	0.2353, 0.6314, 0.4745
CMYK	0.00, 0.52, 0.31, 0.24
HSL	336°, 46%, 57%
HSV	336°, 52%, 76%
XYZ	30.8115, 21.3287, 25.0472
YIQ	128.7590, 47.3560, 33.8520

# Conversions

## Conversions Part 2

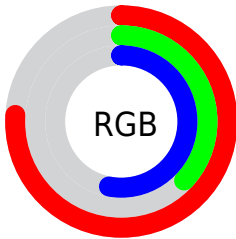
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 94, 134
Decimal	12803718
CIE <sub>Lab</sub>	53.31, 44.74, -3.05
CIE <sub>LCh</sub>	53, 44.840, 356.100
Yxy	21.3287, 0.3992, 0.2763
Android (android.graphics.Color)	4290993798 (0xFFC35E86)
YUV	128.7590, 2.5838, 58.0934
Hunter-Lab	46.1830, 38.2676, 0.1725

# Details

The Hex color **C35E86** 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 **5EC39B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FE93BB**, and **8A2955** is the 20% darker color. If you saturate the color by 10%, you get **C34B7A**, and if you desaturate by 10%, it is **C37292**.

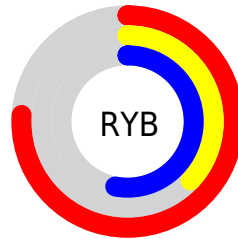
# Distribution



Red (76%)

Green (37%)

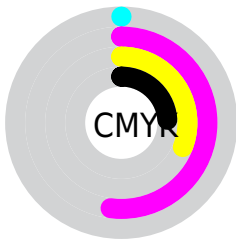
Blue (53%)



Red (76%)

Yellow (37%)

Blue (53%)

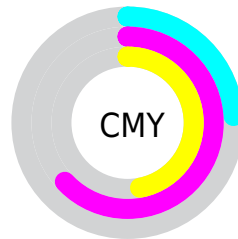


Cyan (0%)

Magenta (52%)

Yellow (31%)

Black (24%)



Cyan (24%)

Magenta (63%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C35E86 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 C35E86 by changing the saturation by 10% instead.



 C35E86

 C35E86

FFFFFF

 A6446D

 FE93BB

 8A2955

 FFAFD7

 6F093D

 FFCBF3

 540028

 FFE8FF

 3A0013

 1D0001

 000000

 C35E86

 C35E86

 C34B7A

 C37292

 C3376E

 C3859E

 C32463

 C399A9

 C31057

 C3ACB5

 C3004D

 C3C0C1

 C3D3CD

 C3E7D8

 C3FAE4

 C3FFF0

# Harmonies

## Analogous

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



AA68AB



C35E86



C66160

# Triad

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



C35E86



748736



008EBF

# Complementary

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



C35E86



5EC39B

# 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.



0092A0



C35E86



438F52

# Square

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



C35E86



9A7C2F



009279



1785CC

# Rectangle

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



C35E86



BD6849



009279



0090B6



# Sweetspot

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



C35E86



FCD4E4



9B5EC3



806771



000000



808080



# Same Dimension

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



C35E86



FC609E



C3685E



61575B



A10040



21000D



# Inverse Universe

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



C35E86



FC609E



5EB9C3



61575B



A10040



21000D



# Previews

## White Background



This preview shows how the Hex color C35E86 looks on a white background.

## Color Contrast Check

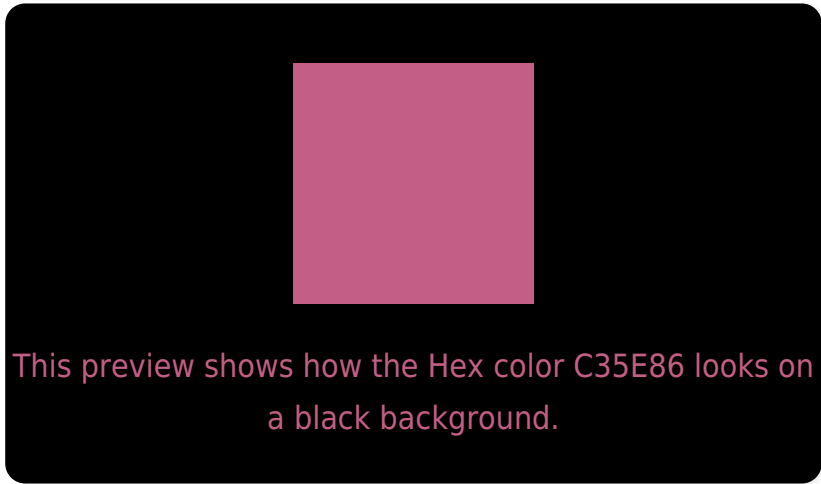
Large Text (above 18pt) WCAG AA ✓ Pass

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 C35E86 Background



This preview shows how black text looks on a background with the Hex color C35E86.




This preview shows how white text looks on a background with the Hex color C35E86.

# 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](#).

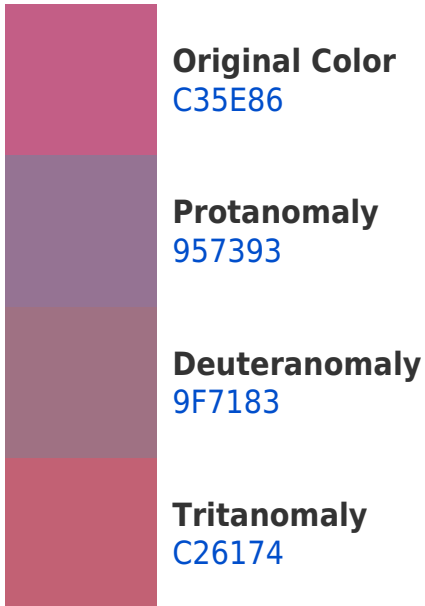
## Dichromacy





**Tritanopia**  
C1636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C35E86 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 #C35E86 looks like.

```
.text, #text, p{  
    color:#C35E86  
}
```

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 #C35E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35E86
}
```

## Border

The CSS property to change the border of an element to Hex C35E86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

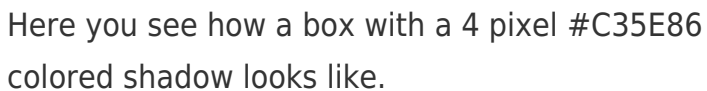
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C35E86 }
```

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

```
.border{ border-color:#C35E86 }
```

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



Here you see how a box with a 4 pixel #C35E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35E86; -webkit-box-shadow:4px 4px  
4px 4px #C35E86; box-shadow:4px 4px 4px  
4px #C35E86 }
```

# Background

The CSS property to change the background color of an element to Hex C35E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35E86 }
```

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

```
.background{ background-color:#C35E86 }
```

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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