

Converting Colors

Hex(CC3586)

Have a look what the booklet for
Hex(CC3586) contains.

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Color

Hex(CC3586)

Conversions

Conversions Part 1

Format	Color
Hex	CC3586
RGB	204, 53, 134
RGB Percent	80%, 21%, 53%
CMY	0.2000, 0.7922, 0.4745
CMYK	0.00, 0.74, 0.34, 0.20
HSL	328°, 60%, 50%
HSV	328°, 74%, 80%
XYZ	30.4780, 17.1048, 24.2494
YIQ	107.3830, 63.9950, 57.2030

Conversions

Conversions Part 2

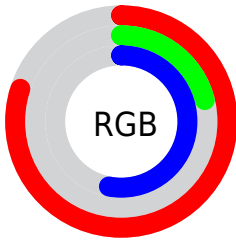
Format	Color
R_{YB}	204, 53, 134
Decimal	13383046
CIE _{Lab}	48.39, 64.68, -10.21
CIE _{LCh}	48, 65.481, 351.030
Yxy	17.1048, 0.4243, 0.2381
Android (android.graphics.Color)	4291573126 (0xFFCC3586)
YUV	107.3830, 13.1222, 84.7331
Hunter-Lab	41.3580, 59.1660, -5.8130

Details

The Hex color **CC3586** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **35CC7B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF71BB**, and **910054** is the 20% darker color. If you saturate the color by 10%, you get **CC217D**, and if you desaturate by 10%, it is **CC498F**.

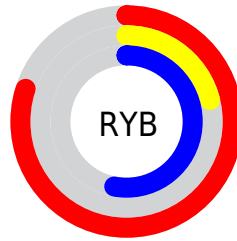
Distribution



Red (80%)

Green (21%)

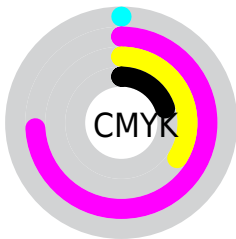
Blue (53%)



Red (80%)

Yellow (21%)

Blue (53%)

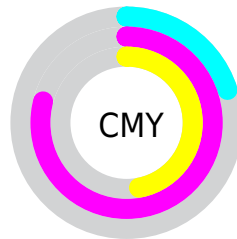


Cyan (0%)

Magenta (74%)

Yellow (34%)

Black (20%)



Cyan (20%)

Magenta (79%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC3586 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 CC3586 by changing the saturation by 10% instead.

 CC3586

 CC3586

FFFFFF

 AE086D

 FF71BB

 910054

 FF8DD7

 74003D

 FFAAF3

 580027

 FFC7FF

 3E0013

 FFE4FF

 1C0001

 000000

 CC3586

 CC3586

 CC217D

 CC498F

 CC0C73

 CC5E99

 CC006D

 CC72A2

 CC87AC

 CC9BB5

 CCAFBF

 CCC4C8

 CCD8D2

 CCEDDB

Harmonies

Analogous

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



A450B9



CC3586



D3374F

Triad

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



CC3586



667C00



0088C9

Complementary

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



CC3586



35CC7B

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.



008B99



CC3586



038626

Square

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



CC3586



996B00



008A60



007FE1

Rectangle

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



CC3586



C8482C



008A60



008ABB

Sweetspot

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



CC3586



FFC7E5



7935CC



805E70



000000



808080

Same Dimension

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



CC3586



FF1C96



CC353D



665C61



A60059



260015

Inverse Universe

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



CC3586



FF1C96



35CCC4



665C61



A60059



260015

Previews

White Background



This preview shows how the Hex color CC3586 looks on a white background.

Color Contrast Check

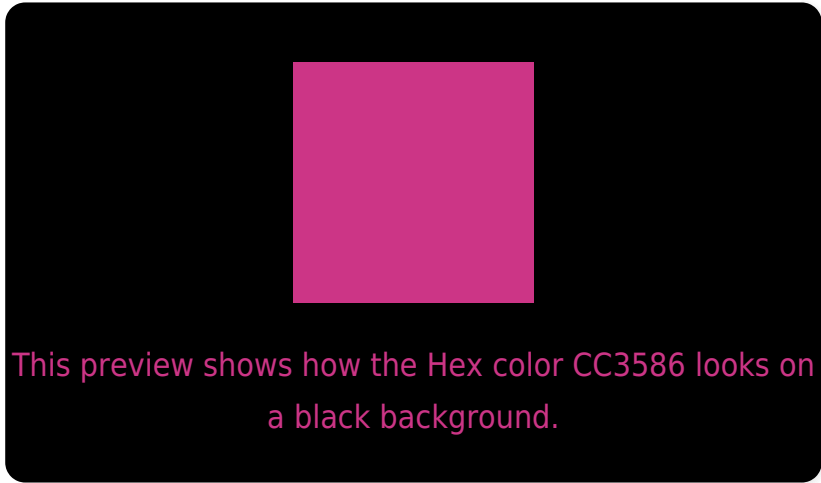
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3586 Background



This preview shows how black text looks on a background with the Hex color CC3586.

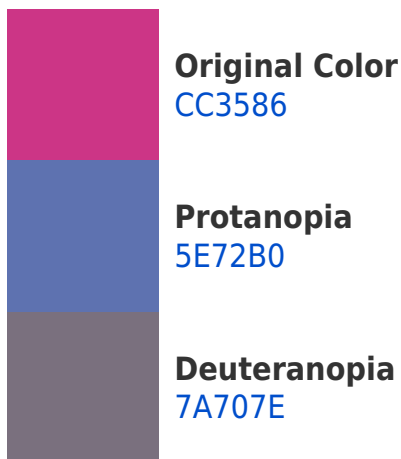



This preview shows how white text looks on a background with the Hex color CC3586.

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
C8464A

Trichromacy



Original Color
CC3586



Protanomaly
865CA1



Deuteranomaly
985B81

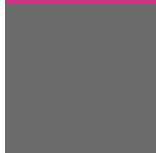


Tritanomaly
C94060

Monochromacy



Original Color
CC3586



Achromatopsia
6B6B6B



Achromatomaly
8E5775

CSS Examples

Text

The CSS property to change the color of the text to Hex CC3586 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 #CC3586 looks like.

```
.text, #text, p{  
    color:#CC3586  
}
```

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 #CC3586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3586
}
```

Border

The CSS property to change the border of an element to Hex CC3586 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
#CC3586 }
```

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

```
.border{ border-color:#CC3586 }
```

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

Here you see how a box with a 4 pixel #CC3586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3586; -webkit-box-shadow:4px 4px  
4px 4px #CC3586; box-shadow:4px 4px 4px  
4px #CC3586 }
```

Background

The CSS property to change the background color of an element to Hex CC3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3586 }
```

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

```
.background{ background-color:#CC3586 }
```

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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