

# Converting Colors

Hex(CD080F)

Have a look what the booklet for  
Hex(CD080F) contains.

<b>Hex(CD080F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(CD080F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD080F
RGB	205, 8, 15
RGB Percent	80%, 3%, 6%
CMY	0.1961, 0.9686, 0.9412
CMYK	0.00, 0.96, 0.93, 0.20
HSL	358°, 92%, 42%
HSV	358°, 96%, 80%
XYZ	25.3499, 13.1873, 1.6613
YIQ	67.7010, 115.1650, 43.9410

# Conversions

## Conversions Part 2

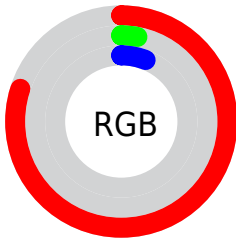
Format	Color
<a href="#">RYB</a>	<a href="#">205, 8, 15</a>
Decimal	<a href="#">13436943</a>
CIELab	<a href="#">43.04, 67.35, 52.20</a>
CIElCh	<a href="#">43, 85.205, 37.777</a>
Yxy	<a href="#">13.1873, 0.6306, 0.3281</a>
Android (android.graphics.Color)	<a href="#">4291627023</a> ( <a href="#">0xFFCD080F</a> )
YUV	<a href="#">67.7010, -25.9816, 120.4112</a>
Hunter-Lab	<a href="#">36.3143, 61.0553, 22.7077</a>

# Details

The Hex color **CD080F** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **08CDC6**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF573F**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CD0007**, and if you desaturate by 10%, it is **CD1D23**.

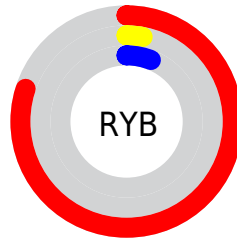
# Distribution



Red (80%)

Green (3%)

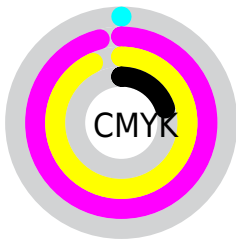
Blue (6%)



Red (80%)

Yellow (3%)

Blue (6%)

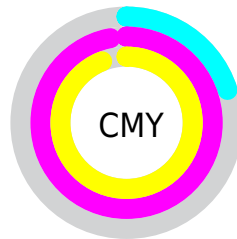


Cyan (0%)

Magenta (96%)

Yellow (93%)

Black (20%)



Cyan (20%)

Magenta (97%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD080F 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 CD080F by changing the saturation by 10% instead.



 CD080F

 CD080F

 FFFFFA

 AD0000

 FF573F

 8C0000

 FF7557

 6D0000

 FF9271

 4E0002

 FFAF8B

 300002

 FFCCA5

 000000

 FFEAC1

 FFFFDD

 CD080F

 CD080F

■ CD0007

■ CD1D23

■ CD3137

■ CD464A

■ CD5A5E

■ CD6F72

■ CD8386

■ CD9899

■ CDACAD

■ CDC1C1

# Harmonies

## Analogous

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



DB0057



CD080F



A54D00

# Triad

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



CD080F



007E2B



006AF5

# Complementary

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



CD080F



08CDC6

# 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.



007BEA



CD080F



008177

# Square

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



CD080F



007800



0081BC



7647D7

# Rectangle

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



CD080F



816200



0081BC



0072F6



# Sweetspot

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



CD080F



FFB5B8



C308CD



805354



000000



808080



# Same Dimension

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



CD080F



FF0009



CD6108



665C5C



A60006



260001



# Inverse Universe

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



CD080F



FF0009



0874CD



665C5C



A60006



260001



# Previews

## White Background



This preview shows how the Hex color CD080F looks on a white background.

## Color Contrast Check

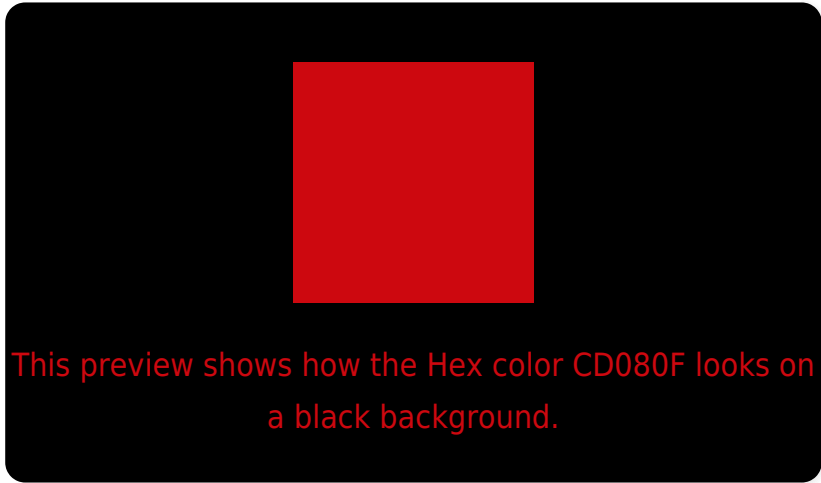
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD080F Background



This preview shows how black text looks on a background with the Hex color CD080F.



This preview shows how white text looks on a background with the Hex color CD080F.

# 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**  
CD080F

**Protanopia**  
746821

**Deuteranopia**  
836200



# Trichromacy



**Original Color**  
CD080F

**Protanomaly**  
94451A

**Deuteranomaly**  
9E4105

**Tritanomaly**  
CC0F05

# Monochromacy



**Original Color**  
CD080F

**Achromatopsia**  
444444

**Achromatomaly**  
762E31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD080F 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 #CD080F looks like.

```
.text, #text, p{  
    color:#CD080F  
}
```

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 #CD080F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD080F
}
```

## Border

The CSS property to change the border of an element to Hex CD080F 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".

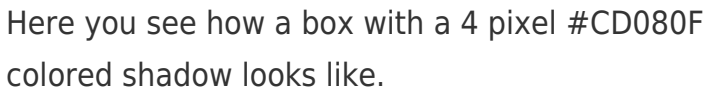
```
.border, #border, table{ border:4px solid
#CD080F }
```

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

```
.border{ border-color:#CD080F }
```

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

Here you see how a box with a 4 pixel #CD080F colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CD080F colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD080F; -webkit-box-shadow:4px 4px  
4px 4px #CD080F; box-shadow:4px 4px 4px  
4px #CD080F }
```

# Background

The CSS property to change the background color of an element to Hex CD080F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD080F }
```

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

```
.background{ background-color:#CD080F }
```

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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