

# Converting Colors

Hex(D10707)

Have a look what the booklet for  
Hex(D10707) contains.

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# Color

**Hex(D10707)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D10707
RGB	209, 7, 7
RGB Percent	82%, 3%, 3%
CMY	0.1804, 0.9725, 0.9725
CMYK	0.00, 0.97, 0.97, 0.18
HSL	0°, 94%, 42%
HSV	0°, 97%, 82%
XYZ	26.4088, 13.7226, 1.4578
YIQ	67.3980, 120.3920, 42.8240

# Conversions

## Conversions Part 2

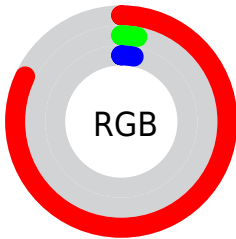
Format	Color
<a href="#">RYB</a>	<a href="#">209, 7, 7</a>
Decimal	<a href="#">13698823</a>
CIELab	<a href="#">43.83, 68.37, 55.67</a>
CIElCh	<a href="#">44, 88.166, 39.154</a>
Yxy	<a href="#">13.7226, 0.6350, 0.3300</a>
Android (android.graphics.Color)	<a href="#">4291888903</a> ( <a href="#">0xFFD10707</a> )
YUV	<a href="#">67.3980, -29.7762, 124.1850</a>
Hunter-Lab	<a href="#">37.0440, 62.4262, 23.5975</a>

# Details

The Hex color **D10707** 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 **07D1D1**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF583A**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **D10000**, and if you desaturate by 10%, it is **D11C1C**.

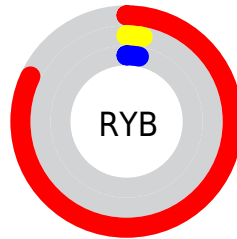
# Distribution



Red (82%)

Green (3%)

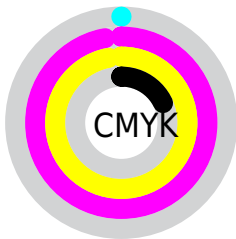
Blue (3%)



Red (82%)

Yellow (3%)

Blue (3%)

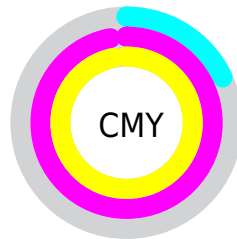


Cyan (0%)

Magenta (97%)

Yellow (97%)

Black (18%)



Cyan (18%)

Magenta (97%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D10707 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 D10707 by changing the saturation by 10% instead.



 D10707

 D10707

 FFFFF5

 B00000

 FF583A

 900000

 FF7653

 700000

 FF936C

 510002

 FFB086

 330002

 FFCDA1

 000000

 FFEBBC

 FFFFD8

 D10707

 D10707

 D10000

 D11C1C

 D13131

 D14646

 D15B5B

 D17070

 D18484

 D19999

 D1AEAE

 D1C3C3

# Harmonies

## Analogous

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



E10055



D10707



A74F00

# Triad

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



D10707



00812E



006BFC

# Complementary

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



D10707



07D1D1

# 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.



007EF3



D10707



00847D

# Square

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



D10707



007B00



0084C4



7D45DB

# Rectangle

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



D10707



816500



0084C4



0073FD



# Sweetspot

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



D10707



FFB5B5



D107D1



805353



000000



808080



# Same Dimension

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



D10707



FF0000



D16C07



695E5E



A80000



290000



# Inverse Universe

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



07D1D1



00FFFF



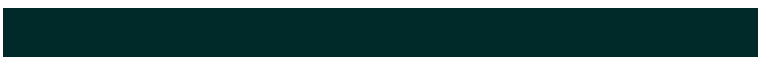
076CD1



5E6969



00A8A8



002929



# Previews

## White Background



This preview shows how the Hex color D10707 looks on a white background.

## Color Contrast Check

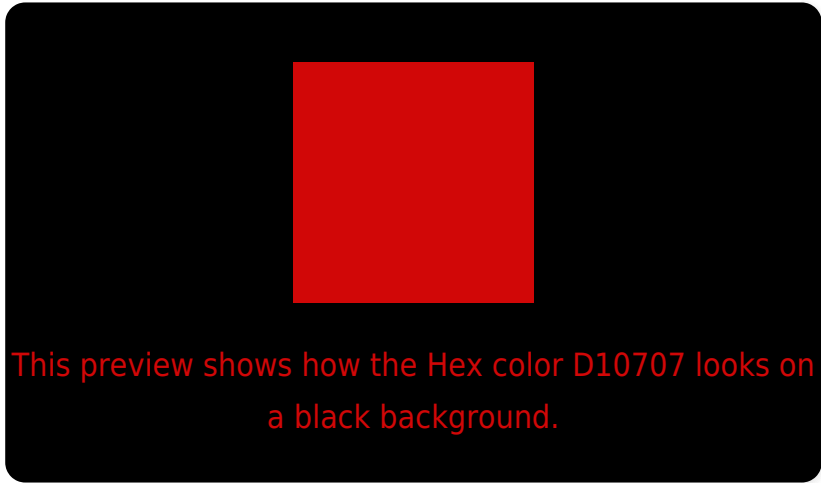
Large Text (above 18pt) WCAG AA ✓ Pass

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 D10707 Background



This preview shows how black text looks on a background with the Hex color D10707.



This preview shows how white text looks on a background with the Hex color D10707.

# 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**  
D10707

**Protanopia**  
766A1C

**Tritanopia**  
D01300

# Trichromacy



**Original Color**  
D10707

**Protanomaly**  
974614

**Tritanomaly**  
D00F03

# Monochromacy



**Original Color**  
D10707

**Achromatopsia**  
434343

**Achromatomaly**  
772D2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D10707 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 #D10707 looks like.

```
.text, #text, p{  
    color:#D10707  
}
```

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 #D10707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D10707
}
```

## Border

The CSS property to change the border of an element to Hex D10707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

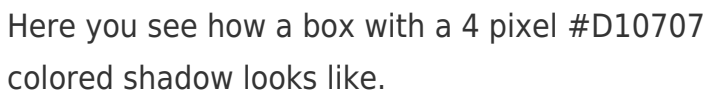
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D10707 }
```

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

```
.border{ border-color:#D10707 }
```

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



Here you see how a box with a 4 pixel #D10707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D10707; -webkit-box-shadow:4px 4px  
4px 4px #D10707; box-shadow:4px 4px 4px  
4px #D10707 }
```

# Background

The CSS property to change the background color of an element to Hex D10707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D10707 }
```

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

```
.background{ background-color:#D10707 }
```

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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