

# Converting Colors

Hex(D1091C)

Have a look what the booklet for  
Hex(D1091C) contains.

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# Color

**Hex(D1091C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1091C
RGB	209, 9, 28
RGB Percent	82%, 4%, 11%
CMY	0.1804, 0.9647, 0.8902
CMYK	0.00, 0.96, 0.87, 0.18
HSL	354°, 92%, 43%
HSV	354°, 96%, 82%
XYZ	26.6018, 13.8345, 2.3669
YIQ	70.9660, 113.1010, 48.3090

# Conversions

## Conversions Part 2

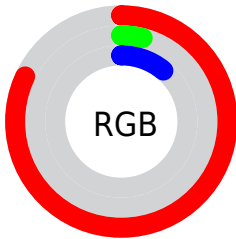
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 9, 28</a>
Decimal	<a href="#">13699356</a>
CIELab	<a href="#">43.99, 68.46, 47.62</a>
CIElCh	<a href="#">44, 83.396, 34.822</a>
Yxy	<a href="#">13.8345, 0.6215, 0.3232</a>
Android (android.graphics.Color)	<a href="#">4291889436 (0xFFD1091C)</a>
YUV	<a href="#">70.9660, -21.1822, 121.0558</a>
Hunter-Lab	<a href="#">37.1948, 62.5726, 22.2635</a>

# Details

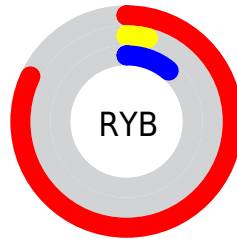
The Hex color **D1091C** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **09D1BE**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF594A**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D10014**, and if you desaturate by 10%, it is **D11E2F**.

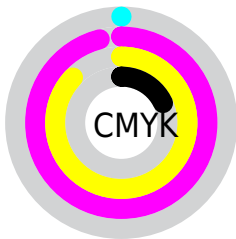
# Distribution



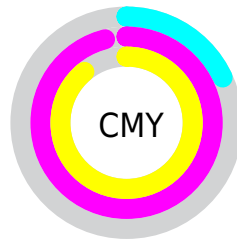
- Red (82%)
- Green (4%)
- Blue (11%)



- Red (82%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (96%)
- Yellow (87%)
- Black (18%)



- Cyan (18%)
- Magenta (96%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1091C 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 D1091C by changing the saturation by 10% instead.



 D1091C

 D1091C

FFFFFF

 B10005

 FF594A

 910000

 FF7663

 710000

 FF947C

 520002

 FFB196

 340002

 FFCEB1

 000000

 FFECCD

 FFFF99

 D1091C

 D1091C

 D10014

 D11E2F

 D13342

 D14855

 D15D68

 D1717B

 D1868D

 D19BA0

 D1B0B3

 D1C5C6

# Harmonies

## Analogous

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



DB0060



D1091C



AC4C00

# Triad

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



D1091C



008026



006FF5

# Complementary

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



D1091C



09D1BE

# 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.



007EE7



D1091C



008372

# Square

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



D1091C



227900



0083B6



6C4EDC

# Rectangle

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



D1091C



896100



0083B6



0076F5



# Sweetspot

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



D1091C



FFB5BC



BD09D1



805357



000000



808080



# Same Dimension

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



D1091C



FF0018



D15909



695E5F



A80010



290004



# Inverse Universe

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



D1091C



FF0018



0981D1



695E5F



A80010



290004



# Previews

## White Background



This preview shows how the Hex color D1091C 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 D1091C Background



This preview shows how black text looks on a background with the Hex color D1091C.



This preview shows how white text looks on a background with the Hex color D1091C.

# 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**  
D1091C

**Protanopia**  
756A2F

**Deuteranopia**  
866400



**Tritanopia**  
D01300

# Trichromacy



**Original Color**  
D1091C

**Protanomaly**  
964728

**Deuteranomaly**  
A1430A

**Tritanomaly**  
D00F0A

# Monochromacy



**Original Color**  
D1091C

**Achromatopsia**  
474747

**Achromatomaly**  
793037

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1091C 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 #D1091C looks like.

```
.text, #text, p{  
    color:#D1091C  
}
```

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 #D1091C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1091C }  
}
```

## Border

The CSS property to change the border of an element to Hex D1091C is called "border". The border property can be set on classes, ids or directly on the HTML element.

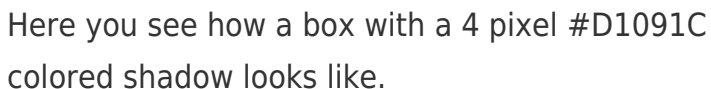
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #D1091C }  
}
```

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

```
.border{ border-color:#D1091C }
```

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



Here you see how a box with a 4 pixel #D1091C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1091C; -webkit-box-shadow:4px 4px  
4px 4px #D1091C; box-shadow:4px 4px 4px  
4px #D1091C }
```

# Background

The CSS property to change the background color of an element to Hex D1091C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1091C }
```

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

```
.background{ background-color:#D1091C }
```

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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