

Converting Colors

Hex(D90012)

Have a look what the booklet for
Hex(D90012) contains.

Hex(D90012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D90012)

Conversions

Conversions Part 1

Format	Color
Hex	D90012
RGB	217, 0, 18
RGB Percent	85%, 0%, 7%
CMY	0.1490, 1.0000, 0.9294
CMYK	0.00, 1.00, 0.92, 0.15
HSL	355°, 100%, 43%
HSV	355°, 100%, 85%
XYZ	28.7245, 14.7954, 1.9141
YIQ	66.9350, 123.5540, 51.6020

Conversions

Conversions Part 2

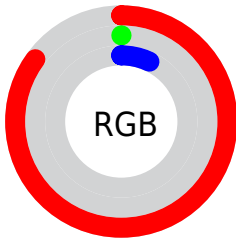
Format	Color
RYB	217, 0, 18
Decimal	14221330
CIELab	45.35, 71.09, 53.78
CIELCh	45, 89.136, 37.108
Yxy	14.7954, 0.6322, 0.3256
Android (android.graphics.Color)	4292411410 (0xFFD90012)
YUV	66.9350, -24.1250, 131.6070
Hunter-Lab	38.4648, 65.9856, 23.9749

Details

The Hex color **D90012** 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 **00D9C7**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5842**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D90012**, and if you desaturate by 10%, it is **D91626**.

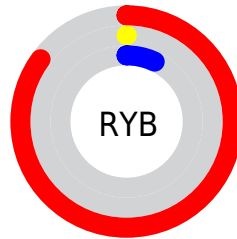
Distribution



Red (85%)

Green (0%)

Blue (7%)



Red (85%)

Yellow (0%)

Blue (7%)

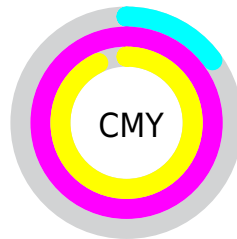


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D90012 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 D90012 by changing the saturation by 10% instead.

 D90012

 D90012

FFFFFFD

 B80000

 FF5842

 980000

 FF765B

 770000

 FF9474

 580002

 FFB18E

 3A0002

 FFCFA9

 130000

 FFEDC4

 000000

 FFFFE1

 D90012

 D91626

 D92B3A

 D9414E

 D95762

 D96D75

 D98289

 D9989D

 D9AEB1

 D9C3C5

Harmonies

Analogous

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



E7005E



D90012



B05000

Triad

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



D90012



00852B



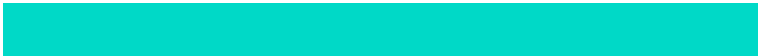
0071FF

Complementary

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



D90012



00D9C7

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.



0083F7



D90012



00887C

Square

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



D90012



027E00



0088C5



794CE4

Rectangle

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



D90012



896600



0088C5



0079FF

Sweetspot

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



D90012



FFB3B9



C700D9



805255



000000



808080

Same Dimension

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



D90012



FF0015



D95A00



6E6364



AD000E



2E0004

Inverse Universe

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



D90012



FF0015



007FD9



6E6364



AD000E



2E0004

Previews

White Background



This preview shows how the Hex color D90012 looks on a white background.

Color Contrast Check

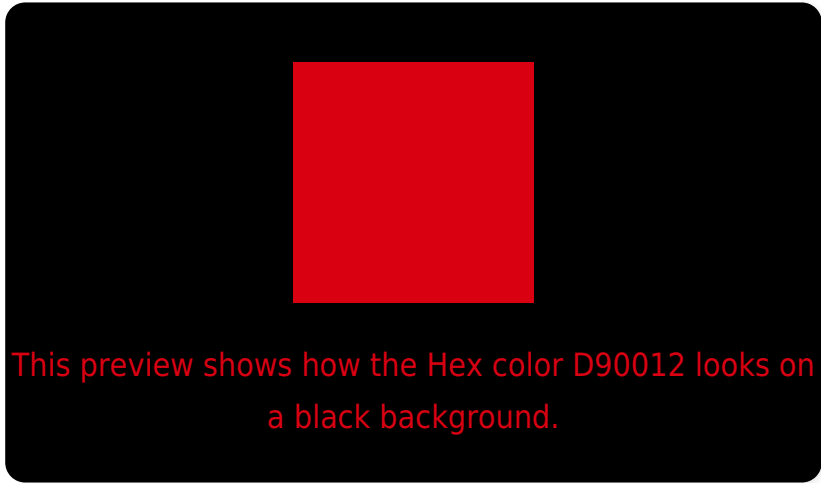
Large Text (above 18pt) WCAG AA ✓ Pass

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 D90012 Background



This preview shows how black text looks on a background with the Hex color D90012.



This preview shows how white text looks on a background with the Hex color D90012.

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
D90012

Protanopia
7B6E25

Deuteranopia
8A6800



Tritanopia
D71400

Trichromacy



Original Color
D90012



Protanomaly
9D461E



Deuteranomaly
A74207



Tritanomaly
D80D07

Monochromacy



Original Color
D90012



Achromatopsia
434343



Achromatomaly
7A2B31

CSS Examples

Text

The CSS property to change the color of the text to Hex D90012 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 #D90012 looks like.

```
.text, #text, p{  
  color:#D90012  
}
```

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 #D90012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D90012
}
```

Border

The CSS property to change the border of an element to Hex D90012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

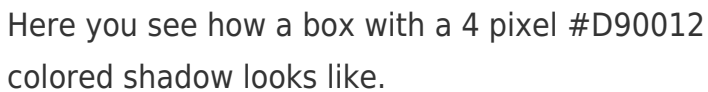
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D90012 }
```

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

```
.border{ border-color:#D90012 }
```

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



Here you see how a box with a 4 pixel `#D90012` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D90012; -webkit-box-shadow:4px 4px  
4px 4px #D90012; box-shadow:4px 4px 4px  
4px #D90012 }
```

Background

The CSS property to change the background color of an element to Hex D90012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D90012 }
```

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

```
.background{ background-color:#D90012 }
```

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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