

Converting Colors

Hex(D9170B)

Have a look what the booklet for
Hex(D9170B) contains.

Hex(D9170B)	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(D9170B)

Conversions

Conversions Part 1

Format	Color
Hex	D9170B
RGB	217, 23, 11
RGB Percent	85%, 9%, 4%
CMY	0.1490, 0.9098, 0.9569
CMYK	0.00, 0.89, 0.95, 0.15
HSL	3°, 90%, 45%
HSV	3°, 95%, 85%
XYZ	28.9821, 15.3887, 1.7594
YIQ	79.6380, 119.4760, 37.3960

Conversions

Conversions Part 2

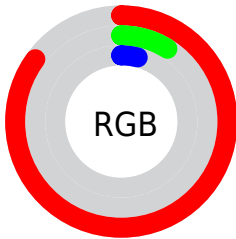
Format	Color
RYB	217, 24, 11
Decimal	14227211
CIELab	46.16, 68.60, 56.61
CIElCh	46, 88.942, 39.532
Yxy	15.3887, 0.6283, 0.3336
Android (android.graphics.Color)	4292417291 (0xFFD9170B)
YUV	79.6380, -33.8385, 120.4665
Hunter-Lab	39.2284, 63.2267, 24.8007

Details

The Hex color **D9170B** 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 **0BCDD9**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5F3E**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D90D00**, and if you desaturate by 10%, it is **D92B21**.

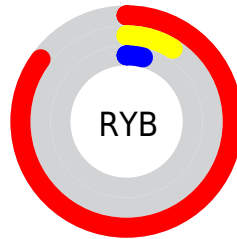
Distribution



Red (85%)

Green (9%)

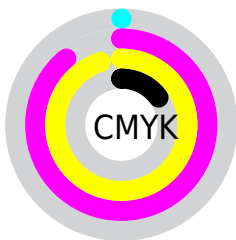
Blue (4%)



Red (85%)

Yellow (9%)

Blue (4%)

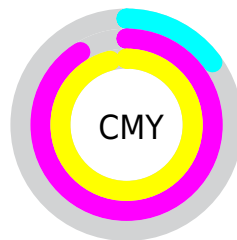


Cyan (0%)

Magenta (89%)

Yellow (95%)

Black (15%)



Cyan (15%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9170B 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 D9170B by changing the saturation by 10% instead.

 D9170B

 D9170B

 FFFFFA

 B80000

 FF5F3E

 980000

 FF7C57

 780000

 FF9970

 580002

 FFB68A

 3B0002

 FFD4A5

 140000

 FFF2C1

 000000

 FFFFDD

 D9170B

 D9170B

 D90D00

 D92B21

 D94036

 D9544C

 D96962

 D97D78

 D9928D

 D9A6A3

 D9BAB9

 D9CFCE

Harmonies

Analogous

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



E9005A



D9170B



AE5500

Triad

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



D9170B



008834



0071FF

Complementary

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



D9170B



0BCDD9

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.



0084FB



D9170B



008A84

Square

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



D9170B



008100



008ACC



8649E3

Rectangle

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



D9170B



876B00



008ACC



0079FF

Sweetspot

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



D9170B



FFBCB8



D90BCF



805754



000000



808080

Same Dimension

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



D9170B



FF0F00



D97C0B



6E6363



AD0A00



2E0300

Inverse Universe

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



0BCDD9



00FOFF



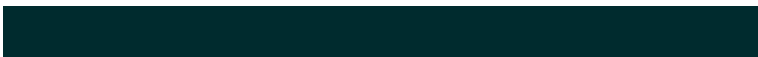
0B68D9



636D6E



00A3AD



002B2E

Previews

White Background



This preview shows how the Hex color D9170B looks on a white background.

Color Contrast Check

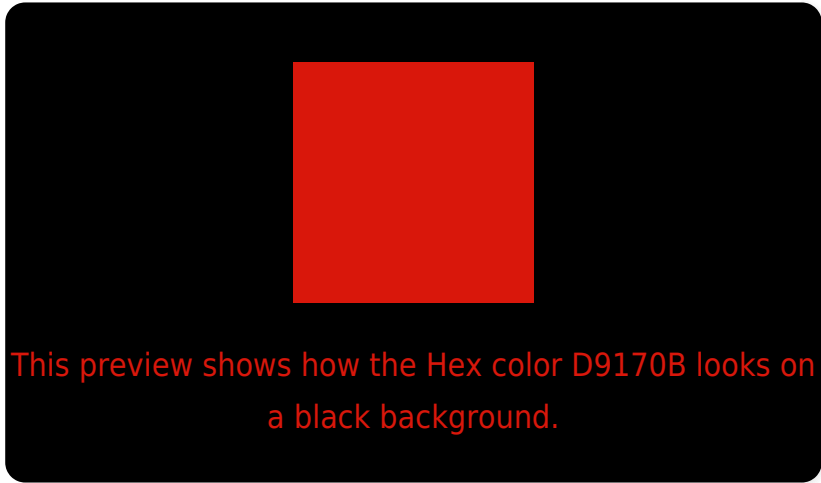
Large Text (above 18pt) WCAG AA ✓ Pass

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 D9170B Background



This preview shows how black text looks on a background with the Hex color D9170B.



This preview shows how white text looks on a background with the Hex color D9170B.

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
D9170B

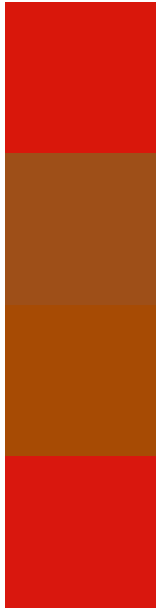
Protanopia
7C6F1F

Deuteranopia
8B6900



Tritanopia
D9170F

Trichromacy



Original Color
D9170B

Protanomaly
9E4F18

Deuteranomaly
A74B04

Tritanomaly
D9170E

Monochromacy



Original Color
D9170B

Achromatopsia
505050

Achromatomaly
823B37

CSS Examples

Text

The CSS property to change the color of the text to Hex D9170B 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 #D9170B looks like.

```
.text, #text, p{  
    color:#D9170B  
}
```

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 #D9170B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9170B
}
```

Border

The CSS property to change the border of an element to Hex D9170B 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".

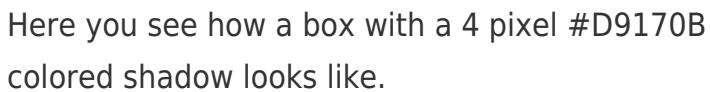
```
.border, #border, table{ border:4px solid
#D9170B }
```

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

```
.border{ border-color:#D9170B }
```

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

Here you see how a box with a 4 pixel #D9170B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9170B; -webkit-box-shadow:4px 4px  
4px 4px #D9170B; box-shadow:4px 4px 4px  
4px #D9170B }
```

Background

The CSS property to change the background color of an element to Hex D9170B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9170B }
```

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

```
.background{ background-color:#D9170B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor