

# Converting Colors

Hex(D41517)

Have a look what the booklet for  
Hex(D41517) contains.

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# Color

**Hex(D41517)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D41517
RGB	212, 21, 23
RGB Percent	83%, 8%, 9%
CMY	0.1686, 0.9176, 0.9098
CMYK	0.00, 0.90, 0.89, 0.17
HSL	359°, 82%, 46%
HSV	359°, 90%, 83%
XYZ	27.5742, 14.5952, 2.1745
YIQ	78.3370, 113.1940, 41.1140

# Conversions

## Conversions Part 2

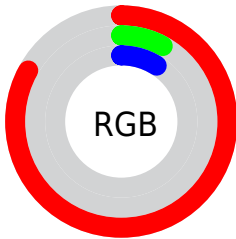
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">212, 21, 23</a>
Decimal	<a href="#">13899031</a>
CIELab	<a href="#">45.07, 67.74, 51.04</a>
CIElCh	<a href="#">45, 84.819, 36.995</a>
Yxy	<a href="#">14.5952, 0.6218, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4292089111</a> (0xFFD41517)
YUV	<a href="#">78.3370, -27.2811, 117.2225</a>
Hunter-Lab	<a href="#">38.2037, 61.9790, 23.3680</a>

# Details

The Hex color **D41517** 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 **15D4D2**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5D46**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D40002**, and if you desaturate by 10%, it is **D42A2C**.

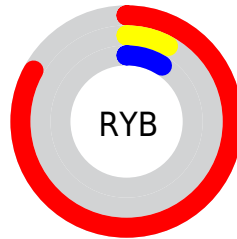
# Distribution



Red (83%)

Green (8%)

Blue (9%)



Red (83%)

Yellow (8%)

Blue (9%)

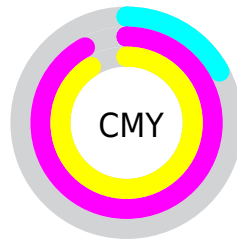


Cyan (0%)

Magenta (90%)

Yellow (89%)

Black (17%)



Cyan (17%)

Magenta (92%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D41517 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 D41517 by changing the saturation by 10% instead.



 D41517

 D41517

FFFFFF

 B30000

 FF5D46

 930000

 FF7A5F

 730000

 FF9778

 540002

 FFB592

 370002

 FFD2AD

 090000

 FFF0C9

 000000

 FFFF E5

 D41517

 D41517

 D40002

 D42A2C

 D43F41

 D45556

 D46A6B

 D47F80

 D49495

 D4A9AA

 D4BFBF

 D4D4D4

# Harmonies

## Analogous

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



E1005E



D41517



AD5100

# Triad

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



D41517



00842E



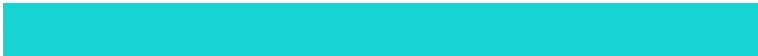
0070FA

# Complementary

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



D41517



15D4D2

# 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.



0081EF



D41517



00867A

# Square

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



D41517



157D00



0086BF



784DDE

# Rectangle

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



D41517



896600



0086BF



0077FB



# Sweetspot

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



D41517



FFBABB



D115D4



805757



000000



808080



# Same Dimension

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



D41517



FF0003



D47115



6B6061



AB0002



2B0000



# Inverse Universe

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



D41517



FF0003



1578D4



6B6061



AB0002



2B0000



# Previews

## White Background



This preview shows how the Hex color D41517 looks on a white background.

## Color Contrast Check

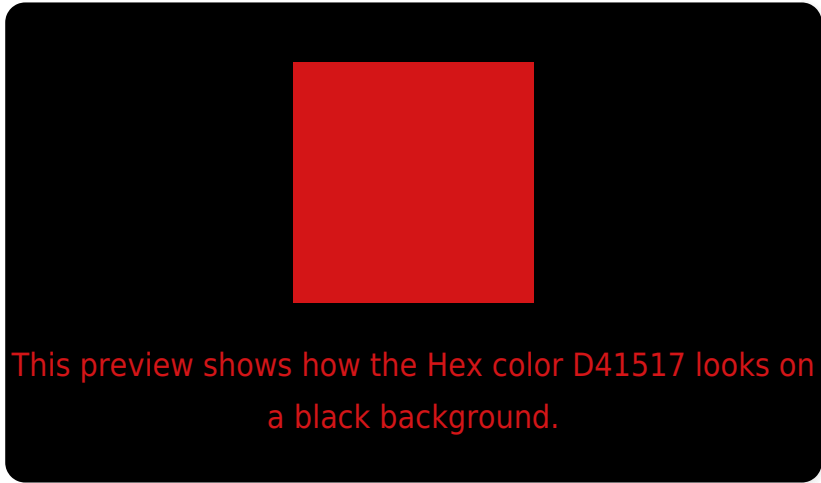
Large Text (above 18pt) WCAG AA ✓ Pass

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 D41517 Background



This preview shows how black text looks on a background with the Hex color D41517.



This preview shows how white text looks on a background with the Hex color D41517.

# 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**  
D41517

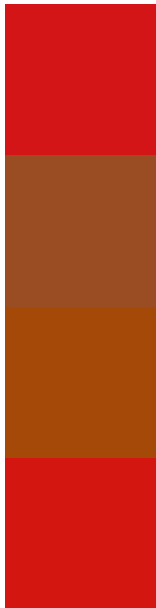
**Protanopia**  
796C29

**Deuteranopia**  
886700



**Tritanopia**  
D4160E

# Trichromacy



**Original Color**  
D41517

**Protanomaly**  
9A4C22

**Deuteranomaly**  
A44908

**Tritanomaly**  
D41611

# Monochromacy



**Original Color**  
D41517

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
7F393A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D41517 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 #D41517 looks like.

```
.text, #text, p{  
    color:#D41517  
}
```

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 #D41517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D41517
}
```

## Border

The CSS property to change the border of an element to Hex D41517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

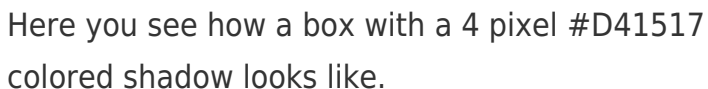
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D41517 }
```

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

```
.border{ border-color:#D41517 }
```

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



Here you see how a box with a 4 pixel #D41517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D41517; -webkit-box-shadow:4px 4px  
4px 4px #D41517; box-shadow:4px 4px 4px  
4px #D41517 }
```

# Background

The CSS property to change the background color of an element to Hex D41517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D41517 }
```

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

```
.background{ background-color:#D41517 }
```

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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