

Converting Colors

Hex(D61417)

Have a look what the booklet for
Hex(D61417) contains.

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Color

Hex(D61417)

Conversions

Conversions Part 1

Format	Color
Hex	D61417
RGB	214, 20, 23
RGB Percent	84%, 8%, 9%
CMY	0.1608, 0.9216, 0.9098
CMYK	0.00, 0.91, 0.89, 0.16
HSL	359°, 83%, 46%
HSV	359°, 91%, 84%
XYZ	28.1364, 14.8583, 2.1956
YIQ	78.3480, 114.6610, 42.0610

Conversions

Conversions Part 2

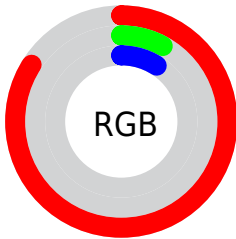
Format	Color
RYB	214, 20, 23
Decimal	14029847
CIELab	45.44, 68.41, 51.49
CIELCh	45, 85.621, 36.971
Yxy	14.8583, 0.6226, 0.3288
Android (android.graphics.Color)	4292219927 (0xFFD61417)
YUV	78.3480, -27.2866, 118.9668
Hunter-Lab	38.5465, 62.8368, 23.6054

Details

The Hex color **D61417** 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 **14D6D3**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5D46**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D60003**, and if you desaturate by 10%, it is **D6292C**.

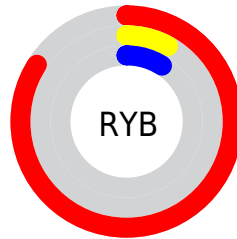
Distribution



Red (84%)

Green (8%)

Blue (9%)



Red (84%)

Yellow (8%)

Blue (9%)

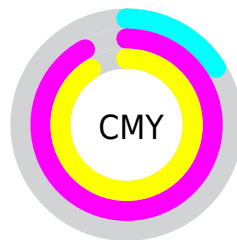


Cyan (0%)

Magenta (91%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (92%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D61417 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 D61417 by changing the saturation by 10% instead.

 D61417

 D61417

FFFFFF

 B50000

 FF5D46

 950000

 FF7B5F

 750000

 FF9878

 560002

 FFB592

 380002

 FFD2AD

 0E0000

 FFF0C9

 000000

 FFFF E5

 D61417

 D61417

 D60003

 D6292C

 D63F41

 D65456

 D66A6B

 D67F80

 D69495

 D6AAAA

 D6BFC0

 D6D5D5

Harmonies

Analogous

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



E3005F



D61417



AE5100

Triad

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



D61417



00852E



0071FD

Complementary

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



D61417



14D6D3

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.



0082F1



D61417



00887B

Square

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



D61417



157E00



0088C1



794EE0

Rectangle

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



D61417



8A6700



0088C1



0078FD

Sweetspot

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



D61417



FFBABB



D314D6



805757



000000



808080

Same Dimension

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



D61417



FF0004



D67214



6B6061



AB0003



2B0001

Inverse Universe

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



D61417



FF0004



1478D6



6B6061



AB0003



2B0001

Previews

White Background



This preview shows how the Hex color D61417 looks on a white background.

Color Contrast Check

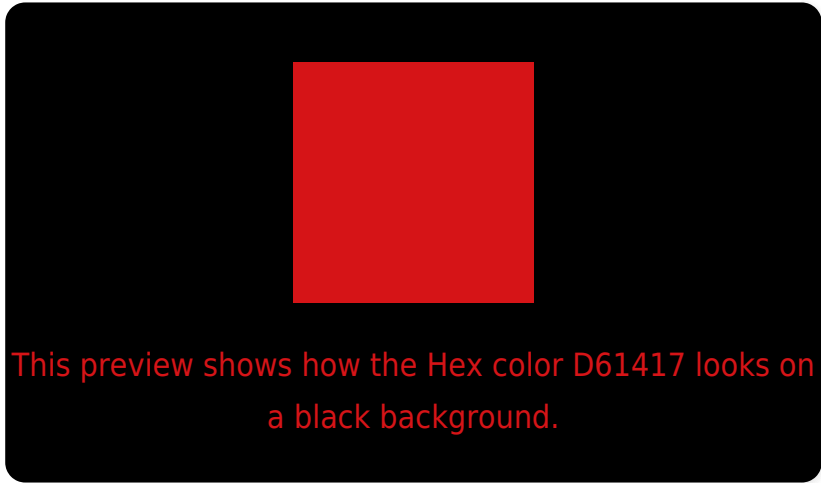
Large Text (above 18pt) WCAG AA ✓ Pass

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 D61417 Background



This preview shows how black text looks on a background with the Hex color D61417.



This preview shows how white text looks on a background with the Hex color D61417.

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
D61417

Protanopia
7A6D29

Tritanopia
D6150C

Trichromacy

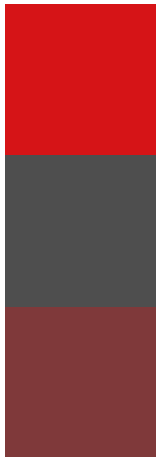


Original Color
D61417

Protanomaly
9B4D22

Tritanomaly
D61510

Monochromacy



Original Color
D61417

Achromatopsia
4E4E4E

Achromatomaly
7F393A

CSS Examples

Text

The CSS property to change the color of the text to Hex D61417 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 #D61417 looks like.

```
.text, #text, p{  
    color:#D61417  
}
```

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 #D61417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D61417
}
```

Border

The CSS property to change the border of an element to Hex D61417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

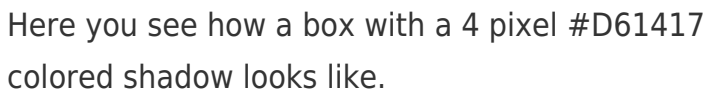
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D61417 }
```

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

```
.border{ border-color:#D61417 }
```

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



Here you see how a box with a 4 pixel #D61417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D61417; -webkit-box-shadow:4px 4px  
4px 4px #D61417; box-shadow:4px 4px 4px  
4px #D61417 }
```

Background

The CSS property to change the background color of an element to Hex D61417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D61417 }
```

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

```
.background{ background-color:#D61417 }
```

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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