

# Converting Colors

Hex(DF2317)

Have a look what the booklet for  
Hex(DF2317) contains.

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**Color**

**Hex(DF2317)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF2317
RGB	223, 35, 23
RGB Percent	87%, 14%, 9%
CMY	0.1255, 0.8627, 0.9098
CMYK	0.00, 0.84, 0.90, 0.13
HSL	4°, 81%, 48%
HSV	4°, 90%, 87%
XYZ	31.1871, 16.9519, 2.4389
YIQ	89.8440, 115.9000, 36.1240

# Conversions

## Conversions Part 2

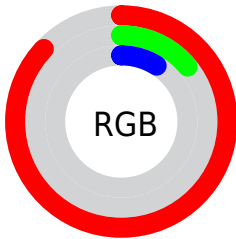
Format	Color
<a href="#">RYB</a>	<a href="#">223, 36, 23</a>
Decimal	<a href="#">14623511</a>
CIELab	<a href="#">48.20, 68.14, 54.31</a>
CIELCh	<a href="#">48, 87.139, 38.555</a>
Yxy	<a href="#">16.9519, 0.6166, 0.3352</a>
Android (android.graphics.Color)	<a href="#">4292813591 (0xFFDF2317)</a>
YUV	<a href="#">89.8440, -32.9541, 116.7778</a>
Hunter-Lab	<a href="#">41.1727, 63.1564, 25.3088</a>

# Details

The Hex color **DF2317** 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 **17D3DF**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6547**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DF0E01**, and if you desaturate by 10%, it is **DF382D**.

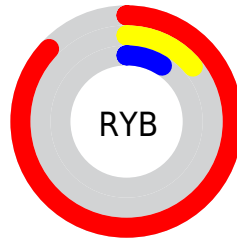
# Distribution



Red (87%)

Green (14%)

Blue (9%)



Red (87%)

Yellow (14%)

Blue (9%)

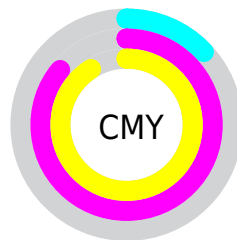


Cyan (0%)

Magenta (84%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (86%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF2317 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 DF2317 by changing the saturation by 10% instead.



 DF2317

 DF2317

FFFFFF

 BE0000

 FF6547

 9E0000

 FF8360

 7E0000

 FFA07A

 5E0001

 FFBD94

 410003

 FFDBAF

 1F0001

 FFF9CB

 000000

 FFFFE7

 DF2317

 DF2317

■ DF0E01

■ DF382D

■ DF0D00

■ DF4D44

■ DF625A

■ DF7770

■ DF8C86

■ DFA19D

■ DFB6B3

■ DFCBC9

■ DFE0E0

# Harmonies

## Analogous

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



EE0061



DF2317



B55A00

# Triad

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



DF2317



008D38



0076FF

# Complementary

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



DF2317



17D3DF

# 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.



0089FD



DF2317



009086

# Square

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



DF2317



108600



008FCE



8851E8

# Rectangle

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



DF2317



8F6F00



008FCE



007EFF



# Sweetspot

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



DF2317



FFBEBA



DF17D5



805957



000000



808080



# Same Dimension

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



DF2317



FF0F00



DF8517



706665



B00B00



300300



# Inverse Universe

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



17D3DF



00F0FF



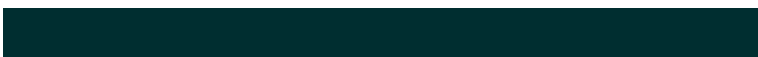
1771DF



657070



00A5B0



002E30



# Previews

## White Background



This preview shows how the Hex color DF2317 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 DF2317 Background



This preview shows how black text looks on a background with the Hex color DF2317.



This preview shows how white text looks on a background with the Hex color DF2317.

# 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



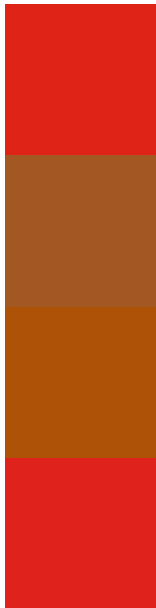
**Original Color**  
DF2317

**Protanopia**  
817429

**Deuteranopia**  
926D00



# Trichromacy



**Original Color**  
DF2317

**Protanomaly**  
A35722

**Deuteranomaly**  
AE5208

**Tritanomaly**  
DF221C

# Monochromacy



**Original Color**  
DF2317

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
8A4642

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF2317 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 #DF2317 looks like.

```
.text, #text, p{  
    color:#DF2317  
}
```

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 #DF2317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF2317
}
```

## Border

The CSS property to change the border of an element to Hex DF2317 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".

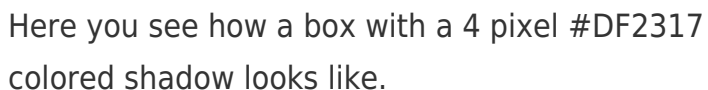
```
.border, #border, table{ border:4px solid
#DF2317 }
```

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

```
.border{ border-color:#DF2317 }
```

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

Here you see how a box with a 4 pixel #DF2317 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF2317; -webkit-box-shadow:4px 4px  
4px 4px #DF2317; box-shadow:4px 4px 4px  
4px #DF2317 }
```

# Background

The CSS property to change the background color of an element to Hex DF2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF2317 }
```

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

```
.background{ background-color:#DF2317 }
```

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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