

# Converting Colors

Hex(DD3F25)

Have a look what the booklet for  
Hex(DD3F25) contains.

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# Color

Hex(DD3F25)

# Conversions

## Conversions Part 1

Format	Color
Hex	DD3F25
RGB	221, 63, 37
RGB Percent	87%, 25%, 15%
CMY	0.1333, 0.7529, 0.8549
CMYK	0.00, 0.71, 0.83, 0.13
HSL	8°, 73%, 51%
HSV	8°, 83%, 87%
XYZ	31.9302, 19.0607, 3.7464
YIQ	107.2780, 102.5140, 25.4100

# Conversions

## Conversions Part 2

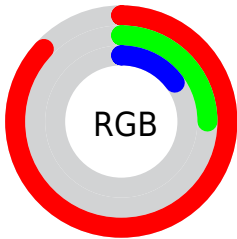
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 67, 37</a>
Decimal	<a href="#">14499621</a>
CIELab	<a href="#">50.76, 59.83, 50.05</a>
CIELCh	<a href="#">51, 78.005, 39.913</a>
Yxy	<a href="#">19.0607, 0.5833, 0.3482</a>
Android (android.graphics.Color)	<a href="#">4292689701</a> ( <a href="#">0xFFDD3F25</a> )
YUV	<a href="#">107.2780, -34.6471, 99.7342</a>
Hunter-Lab	<a href="#">43.6586, 54.1455, 25.4732</a>

# Details

The Hex color **DD3F25** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **25C3DD**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7855**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DD2C0F**, and if you desaturate by 10%, it is **DD523B**.

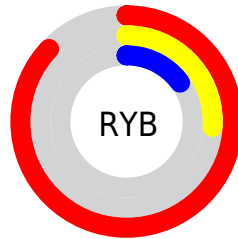
# Distribution



Red (87%)

Green (25%)

Blue (15%)



Red (87%)

Yellow (26%)

Blue (15%)

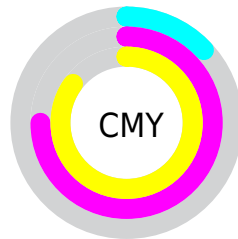


Cyan (0%)

Magenta (71%)

Yellow (83%)

Black (13%)



Cyan (13%)

Magenta (75%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD3F25 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 DD3F25 by changing the saturation by 10% instead.



 DD3F25

 DD3F25

FFFFFF

 BD1D0C

 FF7855

 9D0000

 FF956E

 7E0000

 FFB188

 5F0000

 FFCEA3

 430003

 FFEbbe

 220001

 FFFFDA

 000000

 FFFFF7

 DD3F25

 DD3F25

■ DD2C0F

■ DD523B

■ DD1F00

■ DD6551

■ DD7867

■ DD8B7D

■ DD9E94

■ DDB1AA

■ DDC4C0

■ DDD7D6

■ DDEAEC

# Harmonies

## Analogous

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



EB1366



DD3F25



B66400

# Triad

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



DD3F25



009248



007AFE

# Complementary

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



DD3F25



25C3DD

# 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.



008DF7



DD3F25



00958E

# Square

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



DD3F25



2D8B00



0094CE



935BE0

# Rectangle

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



DD3F25



937600



0094CE



0082FF



# Sweetspot

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



DD3F25



FFC8BF



DD25C4



805F59



000000



808080



# Same Dimension

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



DD3F25



FF2400



DD9A25



6E6463



AD1900



2E0600



# Inverse Universe

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



25C3DD



00DBFF



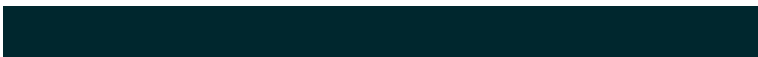
2568DD



636C6E



0095AD



00272E



# Previews

## White Background



This preview shows how the Hex color DD3F25 looks on a white background.

## Color Contrast Check

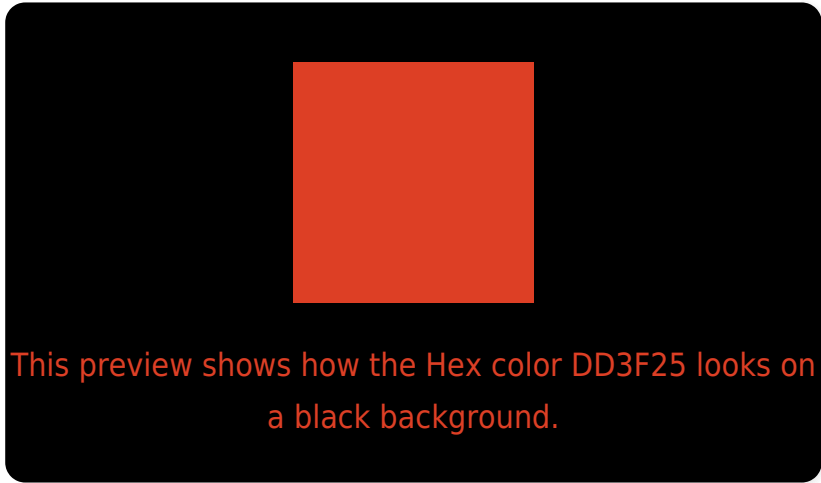
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DD3F25 Background



This preview shows how black text looks on a background with the Hex color DD3F25.



This preview shows how white text looks on a background with the Hex color DD3F25.

# 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**  
DD3F25

**Protanopia**  
877A34

**Deuteranopia**  
997312



# Trichromacy



**Original Color**  
DD3F25

**Protanomaly**  
A6652F

**Deuteranomaly**  
B26019

**Tritanomaly**  
DE3D35

# Monochromacy



**Original Color**  
DD3F25

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
945B52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD3F25 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 #DD3F25 looks like.

```
.text, #text, p{  
    color:#DD3F25  
}
```

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 #DD3F25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD3F25
}
```

## Border

The CSS property to change the border of an element to Hex DD3F25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

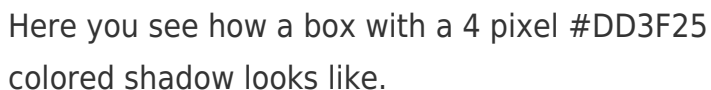
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DD3F25 }
```

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

```
.border{ border-color:#DD3F25 }
```

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



Here you see how a box with a 4 pixel #DD3F25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD3F25; -webkit-box-shadow:4px 4px  
4px 4px #DD3F25; box-shadow:4px 4px 4px  
4px #DD3F25 }
```

# Background

The CSS property to change the background color of an element to Hex DD3F25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD3F25 }
```

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

```
.background{ background-color:#DD3F25 }
```

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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