

# Converting Colors

Hex(DC3F23)

Have a look what the booklet for  
Hex(DC3F23) contains.

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# Color

Hex(DC3F23)

# Conversions

## Conversions Part 1

Format	Color
Hex	DC3F23
RGB	220, 63, 35
RGB Percent	86%, 25%, 14%
CMY	0.1373, 0.7529, 0.8627
CMYK	0.00, 0.71, 0.84, 0.14
HSL	9°, 73%, 50%
HSV	9°, 84%, 86%
XYZ	31.5961, 18.8920, 3.5713
YIQ	106.7510, 102.5600, 24.5760

# Conversions

## Conversions Part 2

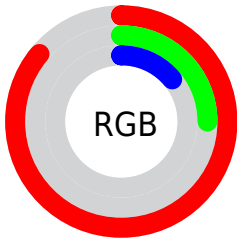
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">220, 68, 35</a>
Decimal	<a href="#">14434083</a>
CIELab	<a href="#">50.56, 59.47, 50.74</a>
CIElCh	<a href="#">51, 78.171, 40.472</a>
Yxy	<a href="#">18.8920, 0.5845, 0.3495</a>
Android (android.graphics.Color)	<a href="#">4292624163</a> ( <a href="#">0xFFDC3F23</a> )
YUV	<a href="#">106.7510, -35.3732, 99.3194</a>
Hunter-Lab	<a href="#">43.4649, 53.6938, 25.5538</a>

# Details

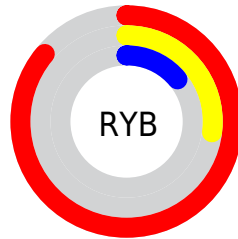
The Hex color **DC3F23** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **23C0DC**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7853**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DC2C0D**, and if you desaturate by 10%, it is **DC5239**.

# Distribution



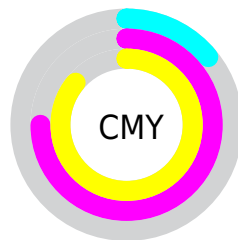
- Red (86%)
- Green (25%)
- Blue (14%)



- Red (86%)
- Yellow (27%)
- Blue (14%)



- Cyan (0%)
- Magenta (71%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (75%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC3F23 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 DC3F23 by changing the saturation by 10% instead.



 DC3F23

 DC3F23

FFFFFF

 BC1D0A

 FF7853

 9C0000

 FF946C

 7D0000

 FFB186

 5E0000

 FFCEA1

 420003

 FFEBBC

 210001

 FFFFD8

 000000

 FFFFF5

 DC3F23

 DC3F23

 DC2C0D

 DC5239

 DC2100

 DC644F

 DC7765

 DC8A7B

 DC9C91

 DCAFA7

 DCC2BD

 DCD4D3

 DCE7E9

# Harmonies

## Analogous

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



EA1164



DC3F23



B56500

# Triad

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



DC3F23



009249



007AFD

# Complementary

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



DC3F23



23C0DC

# 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.



008CF7



DC3F23



00948F

# Square

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



DC3F23



2A8B00



0093CE



9559DF

# Rectangle

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



DC3F23



917600



0093CE



0081FF



# Sweetspot

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



DC3F23



FFC9BF



DC23C0



805F59



000000



808080



# Same Dimension

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



DC3F23



FF2700



DC9B23



6E6463



AD1A00



2E0700

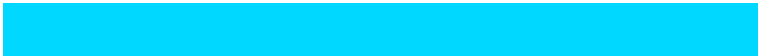


# Inverse Universe

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



23C0DC



00D8FF



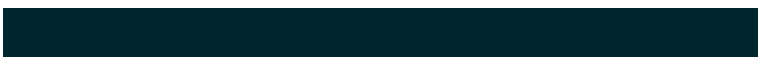
2364DC



636C6E



0093AD



00272E



# Previews

## White Background



This preview shows how the Hex color DC3F23 looks on a white background.

## Color Contrast Check

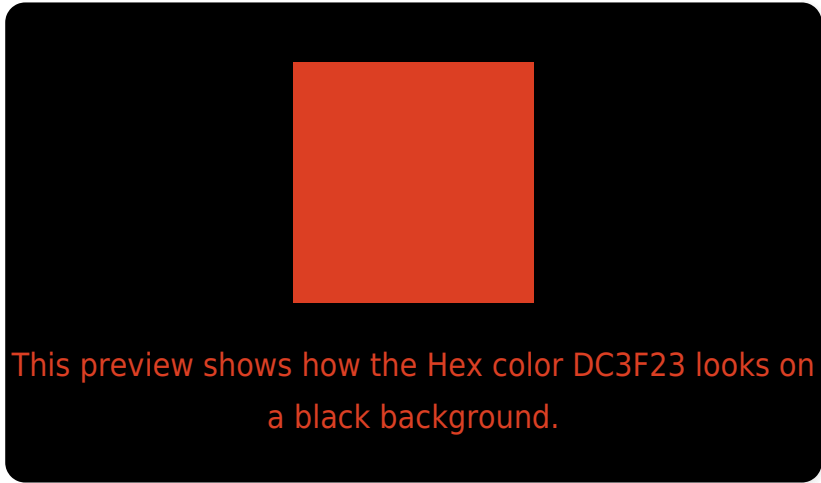
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC3F23 Background



This preview shows how black text looks on a background with the Hex color DC3F23.



This preview shows how white text looks on a background with the Hex color DC3F23.

# 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**  
DC3F23

**Protanopia**  
877932

**Deuteranopia**  
99730D



# Trichromacy



**Original Color**  
DC3F23

**Protanomaly**  
A6642D

**Deuteranomaly**  
B16015

**Tritanomaly**  
DD3D34

# Monochromacy



**Original Color**  
DC3F23

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
945B51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC3F23 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 #DC3F23 looks like.

```
.text, #text, p{  
    color:#DC3F23  
}
```

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 #DC3F23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC3F23
}
```

## Border

The CSS property to change the border of an element to Hex DC3F23 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
#DC3F23 }
```

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

```
.border{ border-color:#DC3F23 }
```

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

Here you see how a box with a 4 pixel #DC3F23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC3F23; -webkit-box-shadow:4px 4px  
4px 4px #DC3F23; box-shadow:4px 4px 4px  
4px #DC3F23 }
```

# Background

The CSS property to change the background color of an element to Hex DC3F23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC3F23 }
```

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

```
.background{ background-color:#DC3F23 }
```

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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