

Converting Colors

Hex(D23D3F)

Have a look what the booklet for
Hex(D23D3F) contains.

| | |
|--|----|
| Hex(D23D3F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(D23D3F)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | D23D3F |
| RGB | 210, 61, 63 |
| RGB Percent | 82%, 24%, 25% |
| CMY | 0.1765, 0.7608, 0.7529 |
| CMYK | 0.00, 0.71, 0.70, 0.18 |
| HSL | 359°, 62%, 53% |
| HSV | 359°, 71%, 82% |
| XYZ | 29.1443, 17.3980, 6.5247 |
| YIQ | 105.7790, 88.1620, 32.2100 |

Conversions

Conversions Part 2

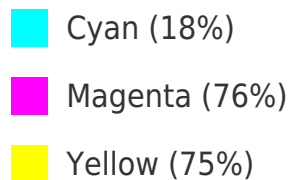
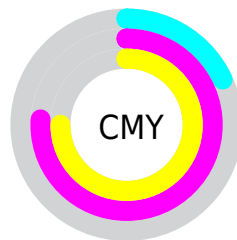
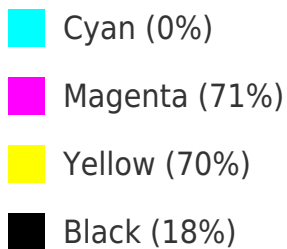
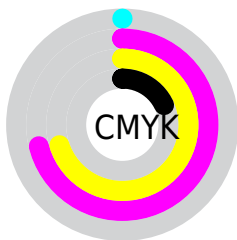
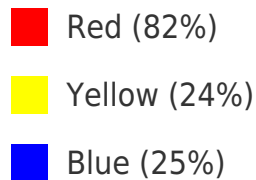
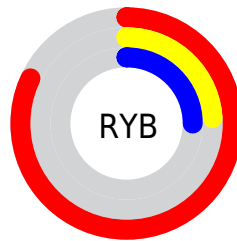
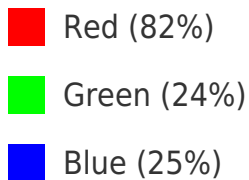
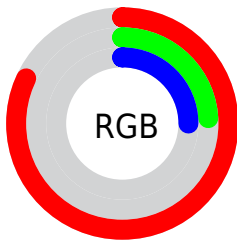
| Format | Color |
|-------------------------------------|---|
| RYB | 210, 61, 63 |
| Decimal | 13778239 |
| CIELab | 48.76, 58.04, 33.39 |
| CIELCh | 49, 66.955, 29.911 |
| Yxy | 17.3980, 0.5492, 0.3278 |
| Android (android.graphics.Color) | 4291968319 (0xFFD23D3F) |
| YUV | 105.7790, -21.0900, 91.4018 |
| Hunter-Lab | 41.7109, 51.7276, 19.9231 |

Details

The Hex color **D23D3F** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3DD2D0**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF766F**, and **940014** is the 20% darker color. If you saturate the color by 10%, you get **D2282A**, and if you desaturate by 10%, it is **D25254**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color D23D3F 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 D23D3F by changing the saturation by 10% instead.

 D23D3F

FFFFFF

 FF766F

 FF9288

 FFAEA3

 FFCBBE

 FFE8DA

 FFFFF6

 D23D3F

 B31B29

 940014

 760000

 570000

 3B0003

 150000

 000000

 D23D3F

 D2282A

 D23D3F

 D25254

 D21316

 D26768

 D20003

 D27C7D

 D29192

 D2A6A7

 D2BBBB

 D2D0D0

 D2E5E5

 D2FAF9

Harmonies

Analogous

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



D42F77



D23D3F



B75A00

Triad

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



D23D3F



008937



007BE6

Complementary

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



D23D3F



3DD2D0

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.



0088D6



D23D3F



008C72

Square

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



D23D3F



548100



008CAB



6D65D7

Rectangle

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



D23D3F



9C6B00



008CAB



0080E4

Sweetspot

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



D23D3F



FFC9CA



D03DD2



806060



000000



808080

Same Dimension

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



D23D3F



FF2629



D2853D



695E5E



A80002



290001

Inverse Universe

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



D23D3F



FF2629



3D8AD2



695E5E



A80002



290001

Previews

White Background



This preview shows how the Hex color D23D3F 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



This preview shows how the Hex color D23D3F looks on a 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 D23D3F Background



This preview shows how black text looks on a background with the Hex color D23D3F.



This preview shows how white text looks on a background with the Hex color D23D3F.

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

D23D3F

Protanopia

7D7453





Deuteranopia

906F36


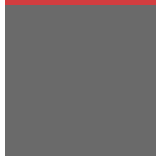



Tritanopia
D23D40

Trichromacy

| | |
|---|---------------------------------|
|  | Original Color D23D3F |
|  | Protanomaly 9C604C |
|  | Deuteranomaly A85D39 |
|  | Tritanomaly D23D40 |

Monochromacy

| | |
|---|---------------------------------|
|  | Original Color D23D3F |
|  | Achromatopsia 6A6A6A |
|  | Achromatomaly 905A5A |

CSS Examples

Text

The CSS property to change the color of the text to Hex D23D3F 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 #D23D3F looks like.

```
.text, #text, p{  
    color:#D23D3F  
}
```

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 #D23D3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D23D3F
}
```

Border

The CSS property to change the border of an element to Hex D23D3F 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
#D23D3F }
```

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

```
.border{ border-color:#D23D3F }
```

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

Here you see how a box with a 4 pixel #D23D3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D23D3F; -webkit-box-shadow:4px 4px  
4px 4px #D23D3F; box-shadow:4px 4px 4px  
4px #D23D3F }
```

Background

The CSS property to change the background color of an element to Hex D23D3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D23D3F }
```

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

```
.background{ background-color:#D23D3F }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor