

Converting Colors

Hex(D02D3E)

Have a look what the booklet for
Hex(D02D3E) contains.

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Color

Hex(D02D3E)

Conversions

Conversions Part 1

Format	Color
Hex	D02D3E
RGB	208, 45, 62
RGB Percent	82%, 18%, 24%
CMY	0.1843, 0.8235, 0.7569
CMYK	0.00, 0.78, 0.70, 0.18
HSL	354°, 64%, 50%
HSV	354°, 78%, 82%
XYZ	27.8203, 15.6345, 6.1089
YIQ	95.6750, 91.6910, 39.8430

Conversions

Conversions Part 2

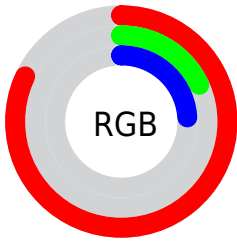
Format	Color
RYB	208, 45, 62
Decimal	13643070
CIELab	46.49, 62.62, 31.18
CIELCh	46, 69.953, 26.468
Yxy	15.6345, 0.5613, 0.3154
Android (android.graphics.Color)	4291833150 (0xFFD02D3E)
YUV	95.6750, -16.6018, 98.5090
Hunter-Lab	39.5404, 56.3953, 18.5182

Details

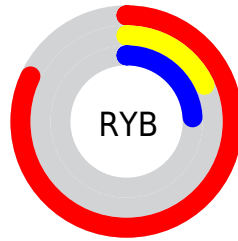
The Hex color **D02D3E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2DD0BF**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6A6E**, and **910014** is the 20% darker color. If you saturate the color by 10%, you get **D0182B**, and if you desaturate by 10%, it is **D04251**.

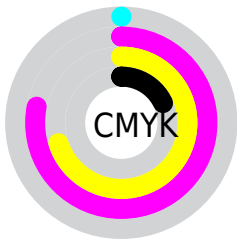
Distribution



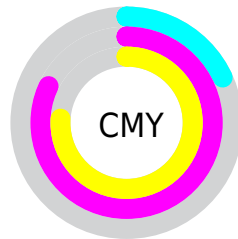
- Red (82%)
- Green (18%)
- Blue (24%)



- Red (82%)
- Yellow (18%)
- Blue (24%)



- Cyan (0%)
- Magenta (78%)
- Yellow (70%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D02D3E 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 D02D3E by changing the saturation by 10% instead.

 D02D3E

 D02D3E

FFFFFF

 B10028

 FF6A6E

 910014

 FF8687

 730000

 FFA3A1

 540001

 FFC0BC

 380002

 FFDDDB

 0B0000

 FFFBF4

 000000

 D02D3E

 D02D3E

 D0182B

 D04251

 D00319

 D05763

 D00016

 D06B76

 D08089

 D0959B

 D0AAAE

 D0BFC0

 D0D3D3

 D0E8E6

Harmonies

Analogous

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



CF1F78



D02D3E



B74F00

Triad

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



D02D3E



008326



0078E5

Complementary

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



D02D3E



2DD0BF

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.



0083D0



D02D3E



008765

Square

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



D02D3E



537A00



0087A1



5662D9

Rectangle

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



D02D3E



9C6200



0087A1



007DE1

Sweetspot

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



D02D3E



FFC2C8



BD2DD0



805B5E



000000



808080

Same Dimension

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



D02D3E



FF0F28



D06B2D



695E5F



A80012



290004

Inverse Universe

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



D02D3E



FF0F28



2D92D0



695E5F



A80012



290004

Previews

White Background



This preview shows how the Hex color D02D3E looks on a white background.

Color Contrast Check

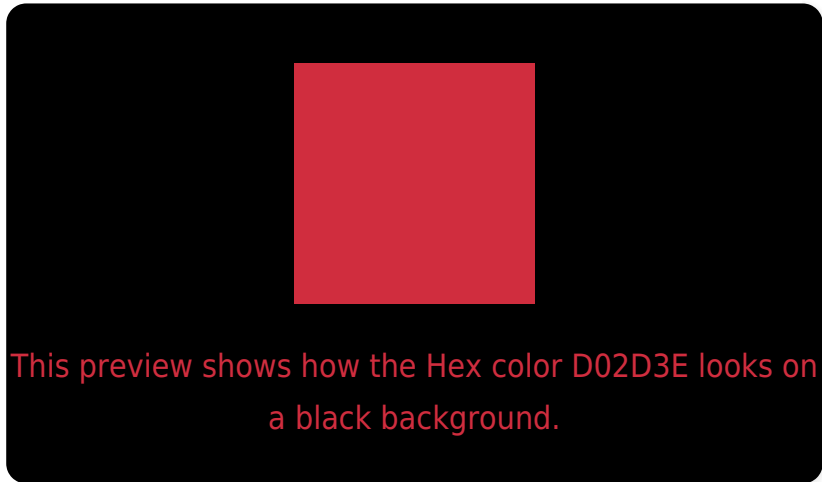
Large Text (above 18pt) WCAG AA ✓ Pass

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 D02D3E Background



This preview shows how black text looks on a background with the Hex color D02D3E.



This preview shows how white text looks on a background with the Hex color D02D3E.

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
D02D3E

Protanopia
766F56

Deuteranopia
896A35



Tritanopia
D03030

Trichromacy



Original Color
D02D3E

Protanomaly
97574D

Deuteranomaly
A35438

Tritanomaly
D02F35

Monochromacy



Original Color
D02D3E

Achromatopsia
606060

Achromatomaly
894D54

CSS Examples

Text

The CSS property to change the color of the text to Hex D02D3E 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 #D02D3E looks like.

```
.text, #text, p{  
    color:#D02D3E  
}
```

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 #D02D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D02D3E
}
```

Border

The CSS property to change the border of an element to Hex D02D3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

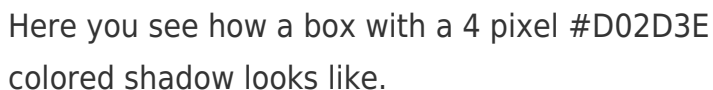
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D02D3E }
```

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

```
.border{ border-color:#D02D3E }
```

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



Here you see how a box with a 4 pixel `#D02D3E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D02D3E; -webkit-box-shadow:4px 4px  
4px 4px #D02D3E; box-shadow:4px 4px 4px  
4px #D02D3E }
```

Background

The CSS property to change the background color of an element to Hex D02D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D02D3E }
```

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

```
.background{ background-color:#D02D3E }
```

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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