

Converting Colors

Hex(D40A3E)

Have a look what the booklet for
Hex(D40A3E) contains.

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Color

Hex(D40A3E)

Conversions

Conversions Part 1

Format	Color
Hex	D40A3E
RGB	212, 10, 62
RGB Percent	83%, 4%, 24%
CMY	0.1686, 0.9608, 0.7569
CMYK	0.00, 0.95, 0.71, 0.17
HSL	345°, 91%, 44%
HSV	345°, 95%, 83%
XYZ	28.1294, 14.5619, 5.8856
YIQ	76.3260, 103.7000, 58.9960

Conversions

Conversions Part 2

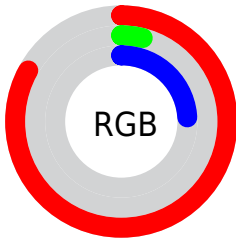
Format	Color
R _Y B	212, 10, 62
Decimal	13896254
CIE Lab	45.03, 70.15, 29.60
CIE LCh	45, 76.141, 22.877
Yxy	14.5619, 0.5791, 0.2998
Android (android.graphics.Color)	4292086334 (0xFFD40A3E)
YUV	76.3260, -7.0627, 118.9861
Hunter-Lab	38.1601, 64.7997, 17.5675

Details

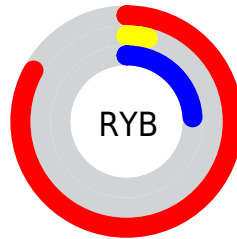
The Hex color **D40A3E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0AD4A0**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5A6D**, and **950015** is the 20% darker color. If you saturate the color by 10%, you get **D40037**, and if you desaturate by 10%, it is **D41F4E**.

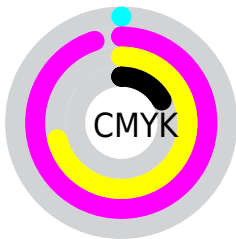
Distribution



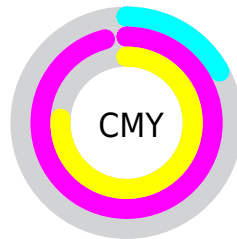
- Red (83%)
- Green (4%)
- Blue (24%)



- Red (83%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (95%)
- Yellow (71%)
- Black (17%)



- Cyan (17%)
- Magenta (96%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D40A3E 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 D40A3E by changing the saturation by 10% instead.

 D40A3E

 D40A3E

FFFFFF

 B40028

 FF5A6D

 950015

 FF7887

 750000

 FF96A1

 560002

 FFB3BC

 380002

 FFD1D7

 0E0000

 FFEFF4

 000000

 D40A3E

 D40A3E

 D40037

 D41F4E

 D4345D

 D44A6D

 D45F7D

 D4748D

 D4899C

 D49EAC

 D4B4BC

 D4C9CC

Harmonies

Analogous

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



D0007D



D40A3E



BB4300

Triad

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



D40A3E



007F0C



0078EB

Complementary

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



D40A3E



0AD4A0

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.



0082D0



D40A3E



008459

Square

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



D40A3E



537600



00859B



2E61E2

Rectangle

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



D40A3E



9F5A00



00859B



007CE5

Sweetspot

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



D40A3E



FFB5C8



9E0AD4



80535E



000000



808080

Same Dimension

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



D40A3E



FF0042



D4390A



6B6063



AB002C



2B000B

Inverse Universe

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



D40A3E



FF0042



0AA5D4



6B6063



AB002C



2B000B

Previews

White Background



This preview shows how the Hex color D40A3E looks on a white background.

Color Contrast Check

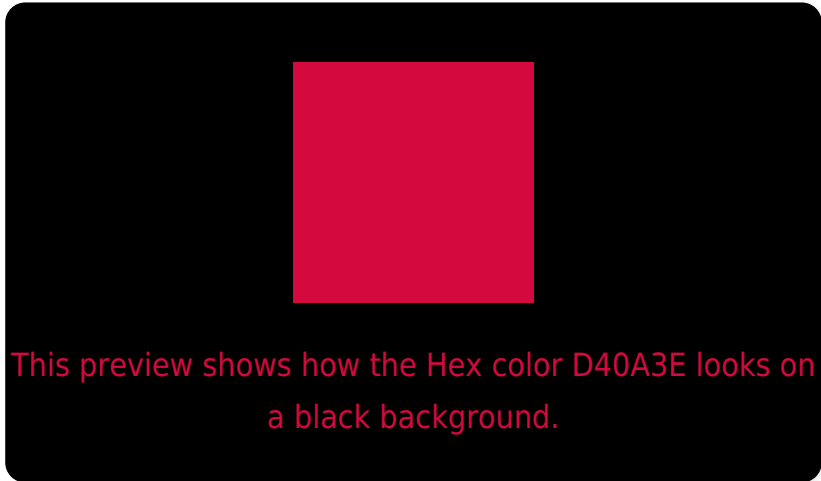
Large Text (above 18pt) WCAG AA ✓ Pass

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 D40A3E Background



This preview shows how black text looks on a background with the Hex color D40A3E.



This preview shows how white text looks on a background with the Hex color D40A3E.

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
D40A3E

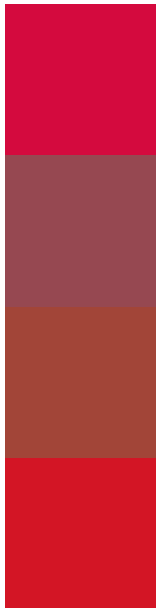
Protanopia
726C5C

Deuteranopia
856734



Tritanopia
D31B16

Trichromacy



Original Color
D40A3E

Protanomaly
964851

Deuteranomaly
A24538

Tritanomaly
D31525

Monochromacy



Original Color
D40A3E

Achromatopsia
4C4C4C

Achromatomaly
7D3447

CSS Examples

Text

The CSS property to change the color of the text to Hex D40A3E 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 #D40A3E looks like.

```
.text, #text, p{  
    color:#D40A3E  
}
```

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 #D40A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40A3E
}
```

Border

The CSS property to change the border of an element to Hex D40A3E 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".

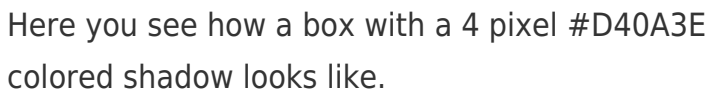
```
.border, #border, table{ border:4px solid
#D40A3E }
```

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

```
.border{ border-color:#D40A3E }
```

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

Here you see how a box with a 4 pixel #D40A3E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40A3E; -webkit-box-shadow:4px 4px  
4px 4px #D40A3E; box-shadow:4px 4px 4px  
4px #D40A3E }
```

Background

The CSS property to change the background color of an element to Hex D40A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40A3E }
```

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

```
.background{ background-color:#D40A3E }
```

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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