

Converting Colors

Hex(D80040)

Have a look what the booklet for
Hex(D80040) contains.

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Color

Hex(D80040)

Conversions

Conversions Part 1

Format	Color
Hex	D80040
RGB	216, 0, 64
RGB Percent	85%, 0%, 25%
CMY	0.1529, 1.0000, 0.7490
CMYK	0.00, 1.00, 0.70, 0.15
HSL	342°, 100%, 42%
HSV	342°, 100%, 85%
XYZ	29.2443, 14.9691, 6.1985
YIQ	71.8800, 108.1920, 65.6960

Conversions

Conversions Part 2

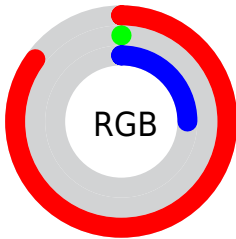
Format	Color
RYB	216, 0, 64
Decimal	14155840
CIELab	45.59, 72.07, 29.26
CIElCh	46, 77.779, 22.094
Yxy	14.9691, 0.5801, 0.2969
Android (android.graphics.Color)	4292345920 (0xFFD80040)
YUV	71.8800, -3.8848, 126.3932
Hunter-Lab	38.6899, 67.2144, 17.5842

Details

The Hex color **D80040** 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 **00D898**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF596F**, and **980017** is the 20% darker color. If you saturate the color by 10%, you get **D80040**, and if you desaturate by 10%, it is **D8164F**.

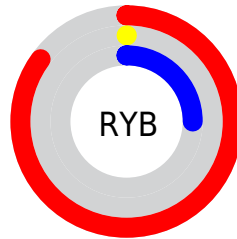
Distribution



Red (85%)

Green (0%)

Blue (25%)



Red (85%)

Yellow (0%)

Blue (25%)

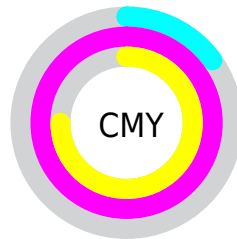


Cyan (0%)

Magenta (100%)

Yellow (70%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D80040 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 D80040 by changing the saturation by 10% instead.

 D80040

 D80040

FFFFFF

 B8002A

 FF596F

 980017

 FF7789

 790000

 FF95A3

 5A0002

 FFB3BE

 3C0003

 FFD0DA

 160000

 FFE0F6

 000000

 D80040

 D8164F

 D82B5E

 D8416E

 D8567D

 D86C8C

 D8829B

 D897AA

 D8ADBA

 D8C2C9

Harmonies

Analogous

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



D30080



D80040



BF4200

Triad

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



D80040



008106



007AEF

Complementary

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



D80040



00D898

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.



0084D3



D80040



008558

Square

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



D80040



567700



00879B



2263E7

Rectangle

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



D80040



A35A00



00879B



007EE9

Sweetspot

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



D80040



FFB3C9



9700D8



80525F



000000



808080

Same Dimension

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



D80040



FF004C



D82B00



6B6064



AB0033



2B000D

Inverse Universe

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



D80040



FF004C



00ADD8



6B6064



AB0033



2B000D

Previews

White Background



This preview shows how the Hex color D80040 looks on a white background.

Color Contrast Check

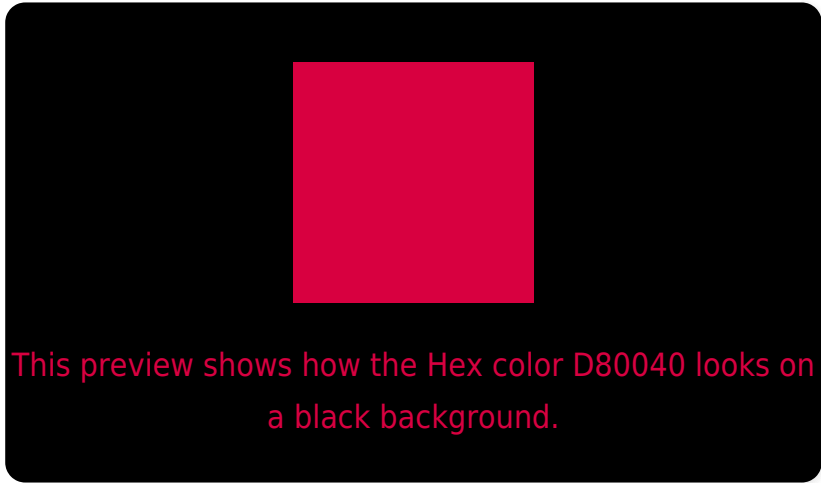
Large Text (above 18pt) WCAG AA ✓ Pass

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 D80040 Background



This preview shows how black text looks on a background with the Hex color D80040.

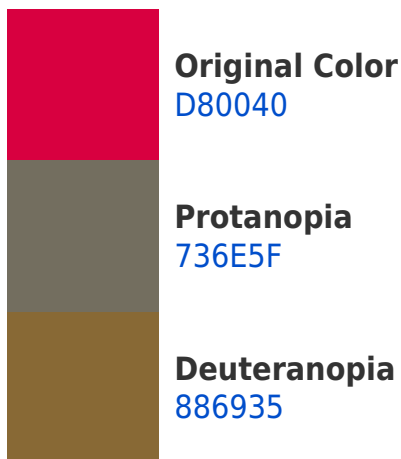


This preview shows how white text looks on a background with the Hex color D80040.

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





Tritanopia
D71A15

Trichromacy



Original Color
D80040



Protanomaly
984654



Deuteranomaly
A54339



Tritanomaly
D71125

Monochromacy



Original Color
D80040



Achromatopsia
484848



Achromatomaly
7C2E45

CSS Examples

Text

The CSS property to change the color of the text to Hex D80040 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 #D80040 looks like.

```
.text, #text, p{  
    color:#D80040  
}
```

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 #D80040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D80040
}
```

Border

The CSS property to change the border of an element to Hex D80040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

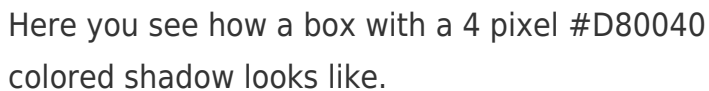
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D80040 }
```

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

```
.border{ border-color:#D80040 }
```

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



Here you see how a box with a 4 pixel #D80040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D80040; -webkit-box-shadow:4px 4px  
4px 4px #D80040; box-shadow:4px 4px 4px  
4px #D80040 }
```

Background

The CSS property to change the background color of an element to Hex D80040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D80040 }
```

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

```
.background{ background-color:#D80040 }
```

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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