

Converting Colors

Hex(D80C26)

Have a look what the booklet for
Hex(D80C26) contains.

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Color

Hex(D80C26)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D80C26 |
| RGB | 216, 12, 38 |
| RGB Percent | 85%, 5%, 15% |
| CMY | 0.1529, 0.9529, 0.8510 |
| CMYK | 0.00, 0.94, 0.82, 0.15 |
| HSL | 352°, 89%, 45% |
| HSV | 352°, 94%, 85% |
| XYZ | 28.8002, 15.0018, 3.2114 |
| YIQ | 75.9600, 113.2380, 51.3340 |

Conversions

Conversions Part 2

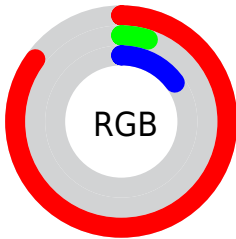
| Format | Color |
|-------------------------------------|--|
| RYB | 216, 12, 38 |
| Decimal | 14158886 |
| CIELab | 45.64, 70.16, 44.48 |
| CIELCh | 46, 83.067, 32.373 |
| Yxy | 15.0018, 0.6126, 0.3191 |
| Android (android.graphics.Color) | 4292348966 (0xFFD80C26) |
| YUV | 75.9600, -18.7143, 122.8151 |
| Hunter-Lab | 38.7322, 64.9466, 22.1966 |

Details

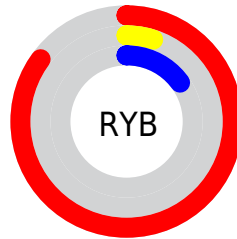
The Hex color **D80C26** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0CD8BE**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5B54**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D8001C**, and if you desaturate by 10%, it is **D82239**.

Distribution



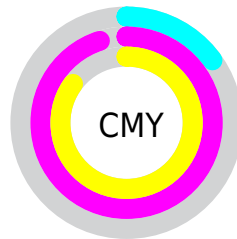
- Red (85%)
- Green (5%)
- Blue (15%)



- Red (85%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (94%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (95%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D80C26 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 D80C26 by changing the saturation by 10% instead.

 D80C26

 D80C26

FFFFFFF

 B80010

 FF5B54

 980000

 FF796D

 770000

 FF9686

 580002

 FFB4A1

 3A0002

 FFD1BC

 130000

 FFEFD8

 000000

 FFFFF4

 D80C26

 D80C26

 D8001C

 D82239

 D8374C

 D84D5F

 D86271

 D87884

 D88E97

 D8A3AA

 D8B9BD

 D8CED0

Harmonies

Analogous

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



DF006A



D80C26



B54D00

Triad

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



D80C26



008423



0074FA

Complementary

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



D80C26



0CD8BE

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.



0083E9



D80C26



008770

Square

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



D80C26



337C00



0088B6



6656E4

Rectangle

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



D80C26



936300



0088B6



007BF8

Sweetspot

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



D80C26



FFB8C1



BD0CD8



80545A



000000



808080

Same Dimension

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



D80C26



FF0020



D8570C



6B6062



AB0016



2B0006

Inverse Universe

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



D80C26



FF0020



0C8DD8



6B6062



AB0016



2B0006

Previews

White Background



This preview shows how the Hex color D80C26 looks on a white background.

Color Contrast Check

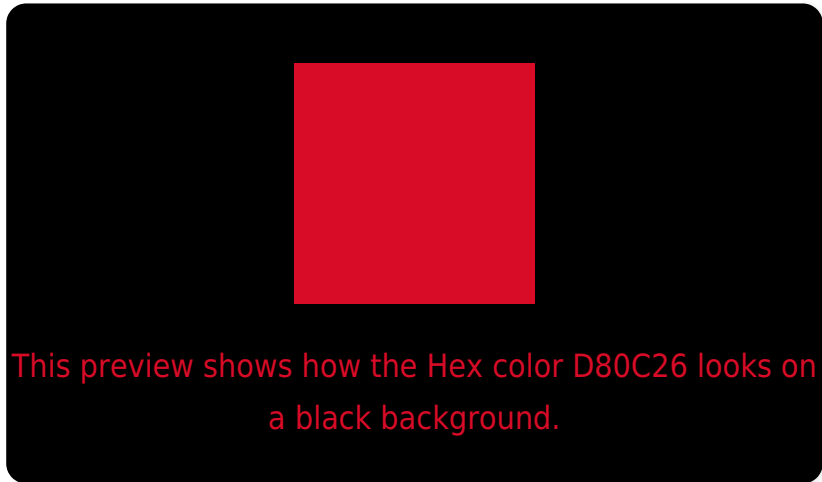
Large Text (above 18pt) WCAG AA ✓ Pass

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 D80C26 Background



This preview shows how black text looks on a background with the Hex color D80C26.



This preview shows how white text looks on a background with the Hex color D80C26.

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
D80C26

Protanopia
796E3C

Deuteranopia
8A6812



Tritanopia
D81306

Trichromacy



Original Color
D80C26



Protanomaly
9C4A34



Deuteranomaly
A64719



Tritanomaly
D81012

Monochromacy



Original Color
D80C26



Achromatopsia
4C4C4C



Achromatomaly
7F353E

CSS Examples

Text

The CSS property to change the color of the text to Hex D80C26 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 #D80C26 looks like.

```
.text, #text, p{  
    color:#D80C26  
}
```

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 #D80C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D80C26
}
```

Border

The CSS property to change the border of an element to Hex D80C26 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".

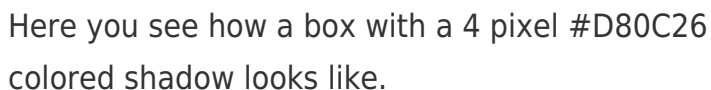
```
.border, #border, table{ border:4px solid
#D80C26 }
```

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

```
.border{ border-color:#D80C26 }
```

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

Here you see how a box with a 4 pixel #D80C26 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D80C26; -webkit-box-shadow:4px 4px  
4px 4px #D80C26; box-shadow:4px 4px 4px  
4px #D80C26 }
```

Background

The CSS property to change the background color of an element to Hex D80C26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D80C26 }
```

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

```
.background{ background-color:#D80C26 }
```

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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