

Converting Colors

Hex(D30D80)

Have a look what the booklet for
Hex(D30D80) contains.

| | |
|--|----|
| Hex(D30D80) | 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(D30D80)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D30D80 |
| RGB | 211, 13, 128 |
| RGB Percent | 83%, 5%, 50% |
| CMY | 0.1725, 0.9490, 0.4980 |
| CMYK | 0.00, 0.94, 0.39, 0.17 |
| HSL | 325°, 88%, 44% |
| HSV | 325°, 94%, 83% |
| XYZ | 30.9042, 15.6952, 21.8227 |
| YIQ | 85.3120, 81.0930, 77.7410 |

Conversions

Conversions Part 2

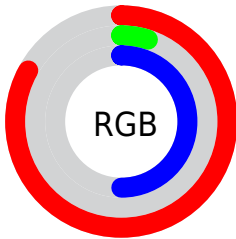
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 211, 13, 128 |
| Decimal | 13831552 |
| CIE _{Lab} | 46.57, 74.11, -9.16 |
| CIE _{LCh} | 47, 74.675, 352.954 |
| Yxy | 15.6952, 0.4517, 0.2294 |
| Android (android.graphics.Color) | 4292021632 (0xFFD30D80) |
| YUV | 85.3120, 21.0452, 110.2284 |
| Hunter-Lab | 39.6172, 69.9122, -4.9272 |

Details

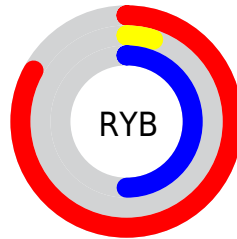
The Hex color **D30D80** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **0DD360**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5DB5**, and **96004F** is the 20% darker color. If you saturate the color by 10%, you get **D3007B**, and if you desaturate by 10%, it is **D32289**.

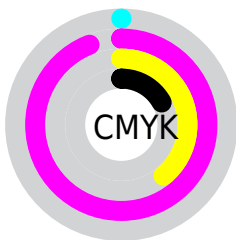
Distribution



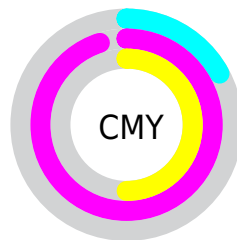
- Red (83%)
- Green (5%)
- Blue (50%)



- Red (83%)
- Yellow (5%)
- Blue (50%)



- Cyan (0%)
- Magenta (94%)
- Yellow (39%)
- Black (17%)



- Cyan (17%)
- Magenta (95%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color D30D80 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 D30D80 by changing the saturation by 10% instead.

 D30D80

 D30D80

FFFFFF

 B50067

 FF5DB5

 96004F

 FF7CD0

 790038

 FF99ED

 5B0023

 FFB7FF

 40000B

 FFD5FF

 1E0001

 FFF3FF

 000000

 D30D80

 D30D80

 D3007B

 D32289

 D33792

 D34C9B

 D361A3

 D377AC

 D38CB5

 D3A1BE

 D3B6C7

 D3CBD0

Harmonies

Analogous

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



A940BB



D30D80



D71C42

Triad

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



D30D80



587900



0086D3

Complementary

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



D30D80



0DD360

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.



00899E



D30D80



008315

Square

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



D30D80



936700



00885D



007BEC

Rectangle

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



D30D80



C93B18



00885D



0087C3

Sweetspot

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



D30D80



FFB8E1



600DD3



80546D



000000



808080

Same Dimension

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



D30D80



FF0094



D30D1D



695E64



A80062



290018

Inverse Universe

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



D30D80



FF0094



0DD3C2



695E64



A80062



290018

Previews

White Background



This preview shows how the Hex color D30D80 looks on a white background.

Color Contrast Check

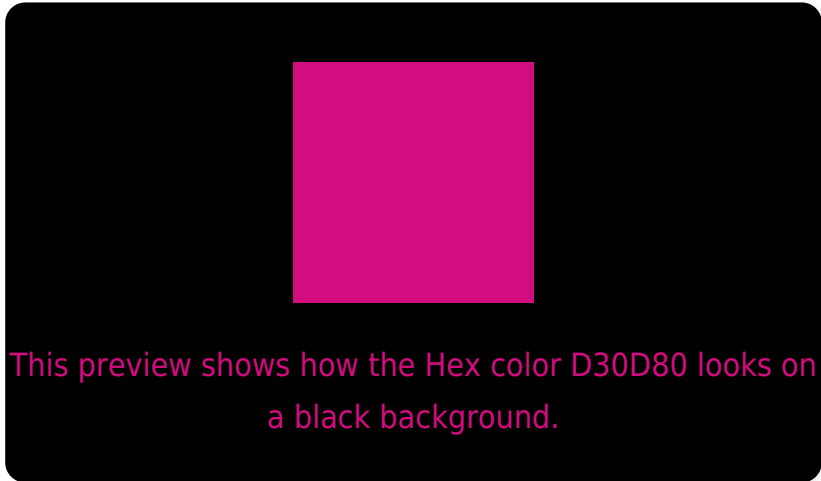
Large Text (above 18pt) WCAG AA ✓ Pass

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 D30D80 Background



This preview shows how black text looks on a background with the Hex color D30D80.



This preview shows how white text looks on a background with the Hex color D30D80.

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



Trichromacy



Original Color
D30D80



Protanomaly
824BA3



Deuteranomaly
984A7A

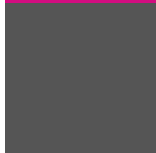


Tritanomaly
D02650

Monochromacy



Original Color
D30D80



Achromatopsia
555555



Achromatomaly
833B65

CSS Examples

Text

The CSS property to change the color of the text to Hex D30D80 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 #D30D80 looks like.

```
.text, #text, p{  
    color:#D30D80  
}
```

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 #D30D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30D80
}
```

Border

The CSS property to change the border of an element to Hex D30D80 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
#D30D80 }
```

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

```
.border{ border-color:#D30D80 }
```

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

Here you see how a box with a 4 pixel #D30D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30D80; -webkit-box-shadow:4px 4px  
4px 4px #D30D80; box-shadow:4px 4px 4px  
4px #D30D80 }
```

Background

The CSS property to change the background color of an element to Hex D30D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30D80 }
```

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

```
.background{ background-color:#D30D80 }
```

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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