

Converting Colors

Hex(D30056)

Have a look what the booklet for
Hex(D30056) contains.

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Color

Hex(D30056)

Conversions

Conversions Part 1

Format	Color
Hex	D30056
RGB	211, 0, 86
RGB Percent	83%, 0%, 34%
CMY	0.1725, 1.0000, 0.6627
CMYK	0.00, 1.00, 0.59, 0.17
HSL	336°, 100%, 41%
HSV	336°, 100%, 83%
XYZ	28.5437, 14.5208, 10.1025
YIQ	72.8930, 98.1500, 71.4780

Conversions

Conversions Part 2

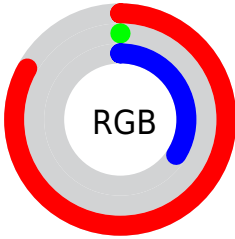
Format	Color
R_{YB}	211, 0, 86
Decimal	13828182
CIE Lab	44.97, 72.03, 14.58
CIE LCh	45, 73.488, 11.443
Yxy	14.5208, 0.5369, 0.2731
Android (android.graphics.Color)	4292018262 (0xFFD30056)
YUV	72.8930, 6.4618, 121.1198
Hunter-Lab	38.1061, 67.0211, 10.9557

Details

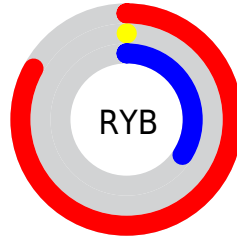
The Hex color **D30056** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **00D37D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5987**, and **95002A** is the 20% darker color. If you saturate the color by 10%, you get **D30056**, and if you desaturate by 10%, it is **D31563**.

Distribution



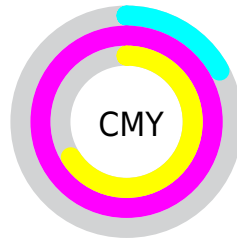
- Red (83%)
- Green (0%)
- Blue (34%)



- Red (83%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color D30056 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 D30056 by changing the saturation by 10% instead.

 D30056

 D30056

FFFFFF

 B4003F

 FF5987

 95002A

 FF77A1

 760016

 FF95BC

 580002

 FFB2D8

 3A0002

 FFD0F4

 110000

 FFEEFF

 000000

 D30056

 D31563

 D32A6F

 D33F7C

 D35488

 D36A95

 D37FA1

 D394AE

 D3A9BA

 D3BEC6

Harmonies

Analogous

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



C21F93



D30056



C53619

Triad

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



D30056



1A7C00



007CE0

Complementary

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



D30056



00D37D

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.



0083BB



D30056



008240

Square

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



D30056



6D6F00



008481



006BE4

Rectangle

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



D30056



AE4F00



008481



007FD7

Sweetspot

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



D30056



FFB3D2



7B00D3



805264



000000



808080

Same Dimension

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



D30056



FF0068



D31200



695E62



A80045



290011

Inverse Universe

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



D30056



FF0068



00C1D3



695E62



A80045



290011

Previews

White Background



This preview shows how the Hex color D30056 looks on a white background.

Color Contrast Check

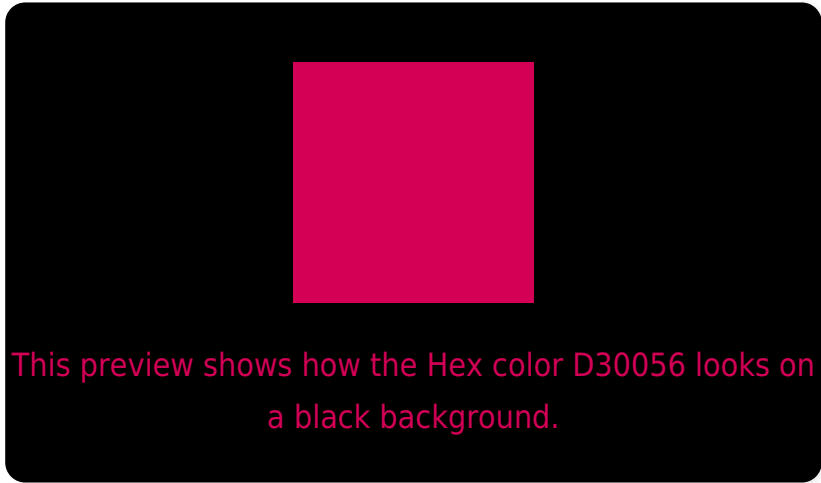
Large Text (above 18pt) WCAG AA ✓ Pass

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 D30056 Background



This preview shows how black text looks on a background with the Hex color D30056.

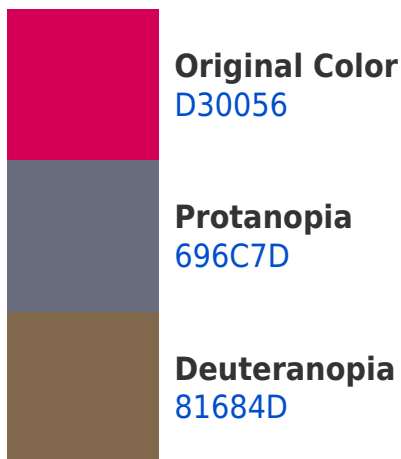


This preview shows how white text looks on a background with the Hex color D30056.

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
D30056



Protanomaly
90456F



Deuteranomaly
9F4250



Tritanomaly
D21634

Monochromacy



Original Color
D30056



Achromatopsia
494949



Achromatomaly
7B2E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex D30056 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 #D30056 looks like.

```
.text, #text, p{  
    color:#D30056  
}
```

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 #D30056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30056
}
```

Border

The CSS property to change the border of an element to Hex D30056 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".

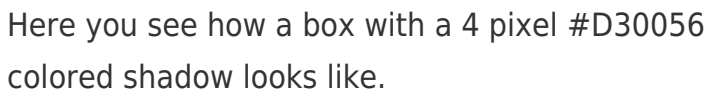
```
.border, #border, table{ border:4px solid
#D30056 }
```

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

```
.border{ border-color:#D30056 }
```

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

Here you see how a box with a 4 pixel #D30056 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30056; -webkit-box-shadow:4px 4px  
4px 4px #D30056; box-shadow:4px 4px 4px  
4px #D30056 }
```

Background

The CSS property to change the background color of an element to Hex D30056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30056 }
```

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

```
.background{ background-color:#D30056 }
```

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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