

Converting Colors

Hex(D50041)

Have a look what the booklet for
Hex(D50041) contains.

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Color

Hex(D50041)

Conversions

Conversions Part 1

Format	Color
Hex	D50041
RGB	213, 0, 65
RGB Percent	84%, 0%, 25%
CMY	0.1647, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.69, 0.16
HSL	342°, 100%, 42%
HSV	342°, 100%, 84%
XYZ	28.3947, 14.5278, 6.3086
YIQ	71.0970, 106.0830, 65.3710

Conversions

Conversions Part 2

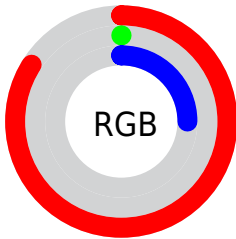
Format	Color
RYB	213, 0, 65
Decimal	13959233
CIELab	44.98, 71.40, 27.75
CIElCh	45, 76.604, 21.237
Yxy	14.5278, 0.5768, 0.2951
Android (android.graphics.Color)	4292149313 (0xFFD50041)
YUV	71.0970, -3.0058, 124.4489
Hunter-Lab	38.1153, 66.2750, 16.8674

Details

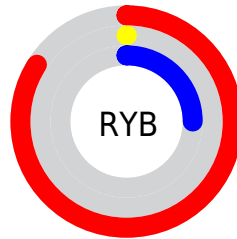
The Hex color **D50041** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00D594**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5870**, and **960017** is the 20% darker color. If you saturate the color by 10%, you get **D50041**, and if you desaturate by 10%, it is **D51550**.

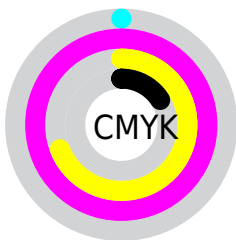
Distribution



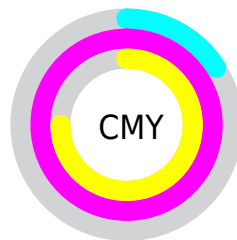
- Red (84%)
- Green (0%)
- Blue (25%)



- Red (84%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D50041 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 D50041 by changing the saturation by 10% instead.

 D50041

 D50041

FFFFFF

 B5002B

 FF5870

 960017

 FF778A

 760000

 FF94A4

 570002

 FFB2BF

 390002

 FFCFDB

 100000

 FFEDEF

 000000

 D50041

 D51550

 D52B5F

 D5406D

 D5557C

 D56B8B

 D5809A

 D595A9

 D5AAB7

 D5C0C6

Harmonies

Analogous

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



CF0080



D50041



BD4000

Triad

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



D50041



007F03



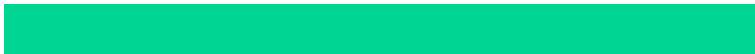
0078EB

Complementary

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



D50041



00D594

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.



0082CE



D50041



008355

Square

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



D50041



577500



008597



1662E4

Rectangle

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



D50041



A25800



008597



007DE5

Sweetspot

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



D50041



FFB3CA



9200D5



805260



000000



808080

Same Dimension

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



D50041



FF004E



D52700



6B6064



AB0034



2B000D

Inverse Universe

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



D50041



FF004E



00AED5



6B6064



AB0034



2B000D

Previews

White Background



This preview shows how the Hex color D50041 looks on a white background.

Color Contrast Check

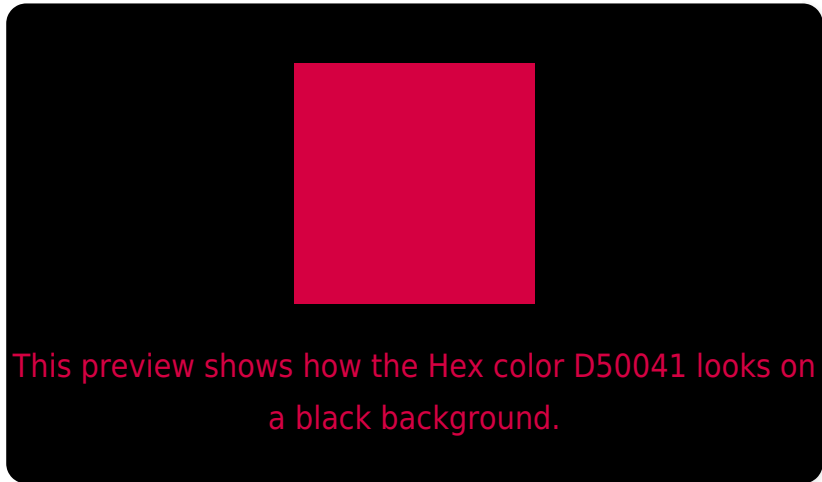
Large Text (above 18pt) WCAG AA ✓ Pass

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 D50041 Background



This preview shows how black text looks on a background with the Hex color D50041.



This preview shows how white text looks on a background with the Hex color D50041.

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
D50041

Protanopia
716C60

Deuteranopia
866737



Tritanopia
D41A16

Trichromacy



Original Color
D50041



Protanomaly
954555



Deuteranomaly
A3423B



Tritanomaly
D41126

Monochromacy



Original Color
D50041



Achromatopsia
474747



Achromatomaly
7B2D45

CSS Examples

Text

The CSS property to change the color of the text to Hex D50041 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 #D50041 looks like.

```
.text, #text, p{  
    color:#D50041  
}
```

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 #D50041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D50041  
}
```

Border

The CSS property to change the border of an element to Hex D50041 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  
#D50041 }
```

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

```
.border{ border-color:#D50041 }
```

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

Here you see how a box with a 4 pixel #D50041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D50041; -webkit-box-shadow:4px 4px  
4px 4px #D50041; box-shadow:4px 4px 4px  
4px #D50041 }
```

Background

The CSS property to change the background color of an element to Hex D50041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D50041 }
```

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

```
.background{ background-color:#D50041 }
```

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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