

Converting Colors

Hex(D50002)

Have a look what the booklet for
Hex(D50002) contains.

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Color

Hex(D50002)

Conversions

Conversions Part 1

Format	Color
Hex	D50002
RGB	213, 0, 2
RGB Percent	84%, 0%, 1%
CMY	0.1647, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.99, 0.16
HSL	359°, 100%, 42%
HSV	359°, 100%, 84%
XYZ	27.4515, 14.1505, 1.3419
YIQ	63.9150, 126.3060, 45.7780

Conversions

Conversions Part 2

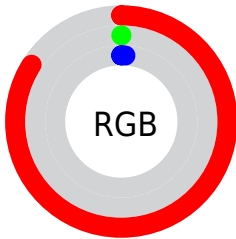
Format	Color
RYB	213, 0, 2
Decimal	13959170
CIELab	44.45, 69.95, 58.02
CIELCh	44, 90.886, 39.674
Yxy	14.1505, 0.6392, 0.3295
Android (android.graphics.Color)	4292149250 (0xFFD50002)
YUV	63.9150, -30.5241, 130.7475
Hunter-Lab	37.6172, 64.4322, 24.2170

Details

The Hex color **D50002** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00D5D3**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF5737**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D50002**, and if you desaturate by 10%, it is **D51517**.

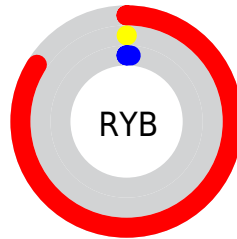
Distribution



Red (84%)

Green (0%)

Blue (1%)



Red (84%)

Yellow (0%)

Blue (1%)

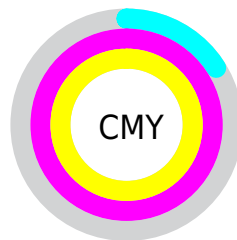


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (16%)



Cyan (16%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color D50002 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 D50002 by changing the saturation by 10% instead.

 D50002

 D50002

 FFFFF2

 B40000

 FF5737

 940000

 FF7550

 730000

 FF9269

 550002

 FFB083

 360002

 FFCD9E

 080000

 FFEBB9

 000000

 FFFFDD

 D50002

 D51517

 D52B2C

 D54041

 D55556

 D56B6B

 D58081

 D59596

 D5AAAB

 D5C0C0

Harmonies

Analogous

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



E60055



D50002



A95100

Triad

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



D50002



00832F



006DFF

Complementary

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



D50002



00D5D3

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.



0080FA



D50002



008681

Square

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



D50002



007D00



0086CA



8144E0

Rectangle

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



D50002



816700



0086CA



0075FF

Sweetspot

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



D50002



FFB3B3



D100D5



805252



000000



808080

Same Dimension

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



D50002



FF0002



D56700



6B6060



AB0002



2B0000

Inverse Universe

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



D50002



FF0002



006ED5



6B6060



AB0002



2B0000

Previews

White Background



This preview shows how the Hex color D50002 looks on a white background.

Color Contrast Check

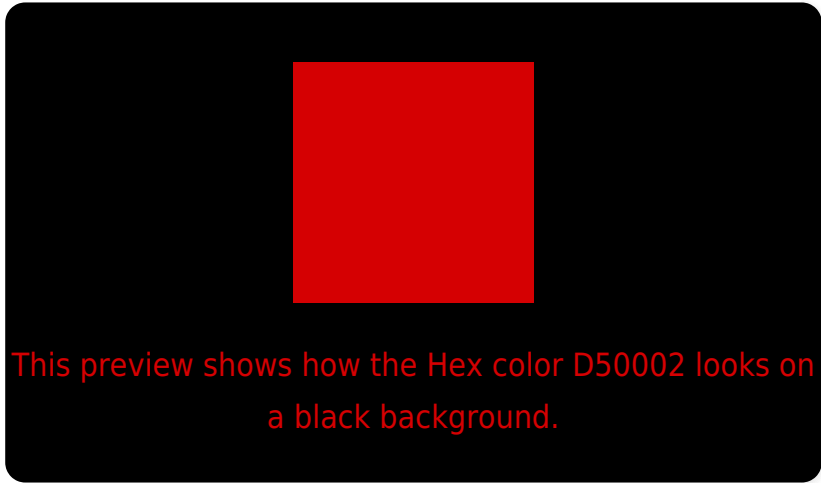
Large Text (above 18pt) WCAG AA ✓ Pass

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 D50002 Background



This preview shows how black text looks on a background with the Hex color D50002.

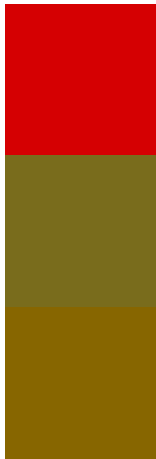


This preview shows how white text looks on a background with the Hex color D50002.

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
D50002

Protanopia
796C1C

Deuteranopia
876600



Tritanopia
D31400

Trichromacy



Original Color
D50002



Protanomaly
9A4513



Deuteranomaly
A34101

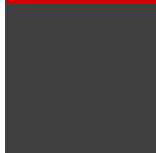


Tritanomaly
D40D01

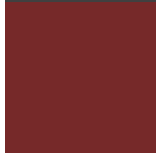
Monochromacy



Original Color
D50002



Achromatopsia
404040



Achromatomaly
762929

CSS Examples

Text

The CSS property to change the color of the text to Hex D50002 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 #D50002 looks like.

```
.text, #text, p{  
    color:#D50002  
}
```

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 #D50002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D50002
}
```

Border

The CSS property to change the border of an element to Hex D50002 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".

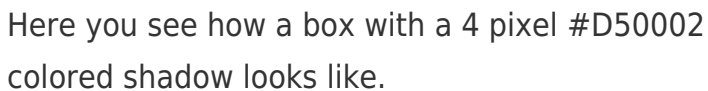
```
.border, #border, table{ border:4px solid
#D50002 }
```

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

```
.border{ border-color:#D50002 }
```

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

Here you see how a box with a 4 pixel #D50002 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, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D50002; -webkit-box-shadow:4px 4px  
4px 4px #D50002; box-shadow:4px 4px 4px  
4px #D50002 }
```

Background

The CSS property to change the background color of an element to Hex D50002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D50002 }
```

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

```
.background{ background-color:#D50002 }
```

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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