

Converting Colors

Hex(D50A42)

Have a look what the booklet for
Hex(D50A42) contains.

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Color

Hex(D50A42)

Conversions

Conversions Part 1

Format	Color
Hex	D50A42
RGB	213, 10, 66
RGB Percent	84%, 4%, 26%
CMY	0.1647, 0.9608, 0.7412
CMYK	0.00, 0.95, 0.69, 0.16
HSL	343°, 91%, 44%
HSV	343°, 95%, 84%
XYZ	28.5325, 14.7566, 6.4987
YIQ	77.0810, 103.0120, 60.4520

Conversions

Conversions Part 2

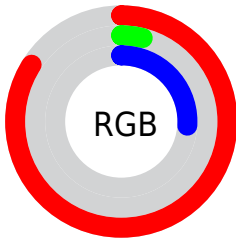
Format	Color
R_{YB}	213, 10, 66
Decimal	13961794
CIE Lab	45.30, 70.57, 27.53
CIE LCh	45, 75.748, 21.310
Yxy	14.7566, 0.5731, 0.2964
Android (android.graphics.Color)	4292151874 (0xFFD50A42)
YUV	77.0810, -5.4629, 119.2010
Hunter-Lab	38.4143, 65.3572, 16.8596

Details

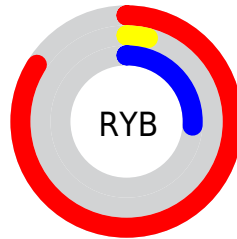
The Hex color **D50A42** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0AD59D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5B72**, and **960018** is the 20% darker color. If you saturate the color by 10%, you get **D5003B**, and if you desaturate by 10%, it is **D51F51**.

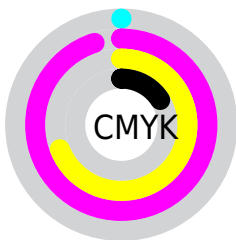
Distribution



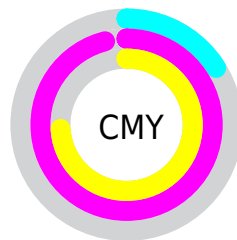
- Red (84%)
- Green (4%)
- Blue (26%)



- Red (84%)
- Yellow (4%)
- Blue (26%)



- Cyan (0%)
- Magenta (95%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (96%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D50A42 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 D50A42 by changing the saturation by 10% instead.

 D50A42

 D50A42

FFFFFF

 B5002C

 FF5B72

 960018

 FF798B

 770000

 FF96A5

 580002

 FFB4C0

 3A0002

 FFD1DC

 110000

 FFEFF9

 000000

 D50A42

 D50A42

 D5003B

 D51F51

 D53561

 D54A70

 D55F80

 D5758F

 D58A9F

 D59FAE

 D5B4BD

 D5CACD

Harmonies

Analogous

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



CF0080



D50A42



BD4200

Triad

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



D50A42



008007



0079EA

Complementary

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



D50A42



0AD59D

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.



0083CE



D50A42



008456

Square

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



D50A42



587500



008698



1F63E3

Rectangle

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



D50A42



A25900



008698



007DE4

Sweetspot

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



D50A42



FFB5C9



9B0AD5



80535F



000000



808080

Same Dimension

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



D50A42



FF0046



D5360A



6B6063



AB002F



2B000C

Inverse Universe

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



D50A42



FF0046



0AA9D5



6B6063



AB002F



2B000C

Previews

White Background



This preview shows how the Hex color D50A42 looks on a white background.

Color Contrast Check

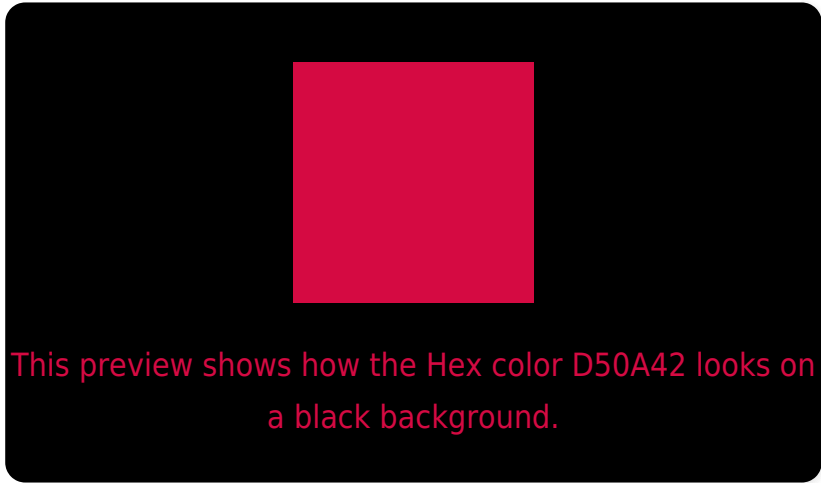
Large Text (above 18pt) WCAG AA ✓ Pass

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 D50A42 Background



This preview shows how black text looks on a background with the Hex color D50A42.

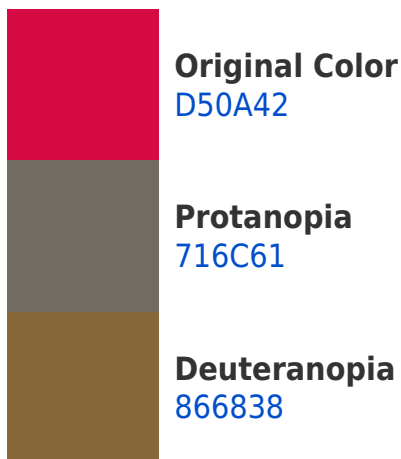


This preview shows how white text looks on a background with the Hex color D50A42.

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





Tritanopia
D41C18

Trichromacy



Original Color
D50A42



Protanomaly
954856



Deuteranomaly
A3463C



Tritanomaly
D41527

Monochromacy



Original Color
D50A42



Achromatopsia
4D4D4D



Achromatomaly
7E3549

CSS Examples

Text

The CSS property to change the color of the text to Hex D50A42 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 #D50A42 looks like.

```
.text, #text, p{  
  color:#D50A42  
}
```

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 #D50A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D50A42
}
```

Border

The CSS property to change the border of an element to Hex D50A42 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
#D50A42 }
```

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

```
.border{ border-color:#D50A42 }
```

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

Here you see how a box with a 4 pixel #D50A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D50A42; -webkit-box-shadow:4px 4px  
4px 4px #D50A42; box-shadow:4px 4px 4px  
4px #D50A42 }
```

Background

The CSS property to change the background color of an element to Hex D50A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D50A42 }
```

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

```
.background{ background-color:#D50A42 }
```

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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