

Converting Colors

Hex(D42D52)

Have a look what the booklet for
Hex(D42D52) contains.

Hex(D42D52)	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(D42D52)

Conversions

Conversions Part 1

Format	Color
Hex	D42D52
RGB	212, 45, 82
RGB Percent	83%, 18%, 32%
CMY	0.1686, 0.8235, 0.6784
CMYK	0.00, 0.79, 0.61, 0.17
HSL	347°, 66%, 50%
HSV	347°, 79%, 83%
XYZ	29.6128, 16.4830, 9.6034
YIQ	99.1510, 87.6550, 46.9110

Conversions

Conversions Part 2

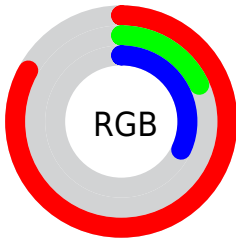
Format	Color
R_{YB}	212, 45, 82
Decimal	13905234
CIE Lab	47.60, 64.82, 20.63
CIE LCh	48, 68.020, 17.657
Yxy	16.4830, 0.5317, 0.2959
Android (android.graphics.Color)	4292095314 (0xFFD42D52)
YUV	99.1510, -8.4554, 98.9686
Hunter-Lab	40.5993, 59.1476, 14.3949

Details

The Hex color **D42D52** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **2DD4AF**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6B83**, and **960026** is the 20% darker color. If you saturate the color by 10%, you get **D41841**, and if you desaturate by 10%, it is **D44263**.

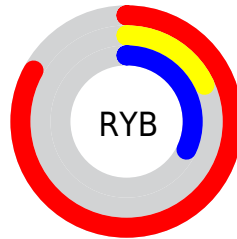
Distribution



Red (83%)

Green (18%)

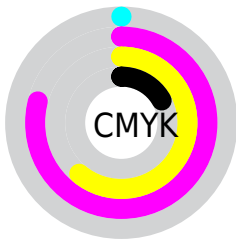
Blue (32%)



Red (83%)

Yellow (18%)

Blue (32%)

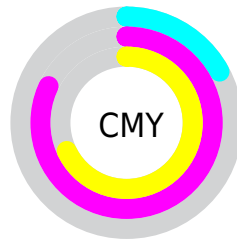


Cyan (0%)

Magenta (79%)

Yellow (61%)

Black (17%)



Cyan (17%)

Magenta (82%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color D42D52 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 D42D52 by changing the saturation by 10% instead.

 D42D52

 D42D52

FFFFFF

 B5003B

 FF6B83

 960026

 FF889D

 780012

 FFA4B8

 590001

 FFC1D3

 3D0003

 FFDFF0

 180001

 FFFDFF

 000000

 D42D52

 D42D52

 D41841

 D44263

 D40331

 D45773

 D4002F

 D46D84

 D48294

 D497A5

 D4ACB5

 D4C1C6

 D4D7D6

 D4ECE7

Harmonies

Analogous

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



CA2F8B



D42D52



C24A1A

Triad

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



D42D52



118317



007FE2

Complementary

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



D42D52



2DD4AF

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.



0088C5



D42D52



008856

Square

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



D42D52



697900



008A92



246CDF

Rectangle

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



D42D52



AB5E00



008A92



0083DC

Sweetspot

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



D42D52



FFC2CF



AD2DD4



805B63



000000



808080

Same Dimension

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



D42D52



FF0D42



D45A2D



6B6063



AB0026



2B000A

Inverse Universe

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



D42D52



FF0D42



2DA7D4



6B6063



AB0026



2B000A

Previews

White Background



This preview shows how the Hex color D42D52 looks on a white background.

Color Contrast Check

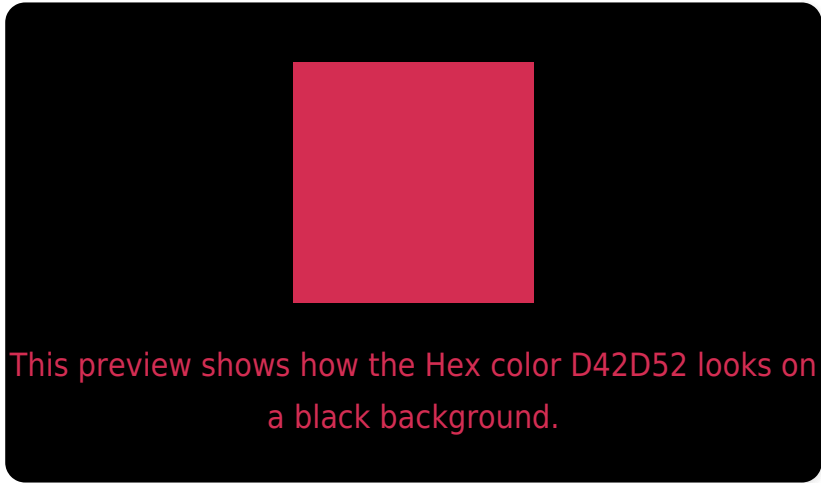
Large Text (above 18pt) WCAG AA ✓ Pass

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 D42D52 Background



This preview shows how black text looks on a background with the Hex color D42D52.



This preview shows how white text looks on a background with the Hex color D42D52.

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
D42D52

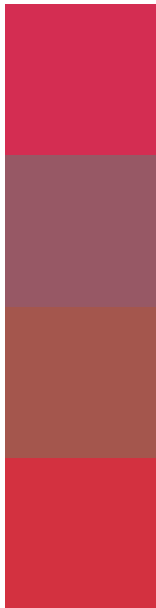
Protanopia
747170

Deuteranopia
896D4A



Tritanopia
D33435

Trichromacy



Original Color
D42D52

Protanomaly
975865

Deuteranomaly
A4564D

Tritanomaly
D33140

Monochromacy



Original Color
D42D52

Achromatopsia
636363

Achromatomaly
8C4F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex D42D52 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 #D42D52 looks like.

```
.text, #text, p{  
    color:#D42D52  
}
```

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 #D42D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D42D52
}
```

Border

The CSS property to change the border of an element to Hex D42D52 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".

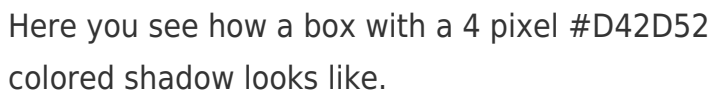
```
.border, #border, table{ border:4px solid
#D42D52 }
```

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

```
.border{ border-color:#D42D52 }
```

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

Here you see how a box with a 4 pixel #D42D52 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D42D52; -webkit-box-shadow:4px 4px  
4px 4px #D42D52; box-shadow:4px 4px 4px  
4px #D42D52 }
```

Background

The CSS property to change the background color of an element to Hex D42D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D42D52 }
```

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

```
.background{ background-color:#D42D52 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor