

# Converting Colors

Hex(D42747)

Have a look what the booklet for  
Hex(D42747) contains.

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# Color

**Hex(D42747)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D42747
RGB	212, 39, 71
RGB Percent	83%, 15%, 28%
CMY	0.1686, 0.8471, 0.7216
CMYK	0.00, 0.82, 0.67, 0.17
HSL	349°, 69%, 49%
HSV	349°, 82%, 83%
XYZ	29.0142, 15.9030, 7.5016
YIQ	94.3750, 92.8360, 46.6280

# Conversions

## Conversions Part 2

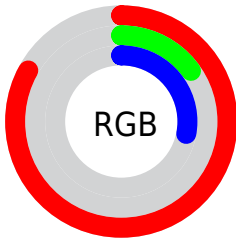
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">212, 39, 71</a>
Decimal	<a href="#">13903687</a>
CIELab	<a href="#">46.85, 65.77, 26.37</a>
CIElCh	<a href="#">47, 70.858, 21.846</a>
Yxy	<a href="#">15.9030, 0.5535, 0.3034</a>
Android (android.graphics.Color)	<a href="#">4292093767 (0xFFD42747)</a>
YUV	<a href="#">94.3750, -11.5239, 103.1571</a>
Hunter-Lab	<a href="#">39.8786, 60.0826, 16.7619</a>

# Details

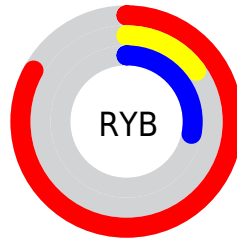
The Hex color **D42747** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **27D4B4**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6777**, and **95001C** is the 20% darker color. If you saturate the color by 10%, you get **D41236**, and if you desaturate by 10%, it is **D43C58**.

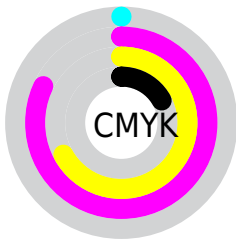
# Distribution



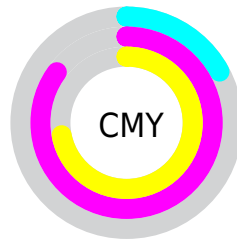
- Red (83%)
- Green (15%)
- Blue (28%)



- Red (83%)
- Yellow (15%)
- Blue (28%)



- Cyan (0%)
- Magenta (82%)
- Yellow (67%)
- Black (17%)



- Cyan (17%)
- Magenta (85%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D42747 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 D42747 by changing the saturation by 10% instead.



 D42747

 D42747

FFFFFF

 B50031

 FF6777

 95001C

 FF8491

 770004

 FFA1AB

 580001

 FFBE C7

 3B0002

 FFD BE3

 140000

 FFF9FF

 000000

 D42747

 D42747

 D41236

 D43C58

 D40027

 D4516A

 D4677B

 D47C8C

 D4919D

 D4A6AF

 D4BBC0

 D4D1D1

 D4E6E3

# Harmonies

## Analogous

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



CE2182



D42747



BE4B06

# Triad

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



D42747



00831A



007BE6

# Complementary

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



D42747



27D4B4

# 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.



0086CD



D42747



00875C

# Square

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



D42747



5D7900



00899A



3C67DF

# Rectangle

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



D42747



A45F00



00899A



0080E1



# Sweetspot

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



D42747



FFC2CD



B127D4



805B61



000000



808080



# Same Dimension

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



D42747



FF0533



D45B27



6B6062



AB0020



2B0008



# Inverse Universe

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



D42747



FF0533



27A0D4



6B6062



AB0020



2B0008



# Previews

## White Background



This preview shows how the Hex color D42747 looks on a white background.

## Color Contrast Check

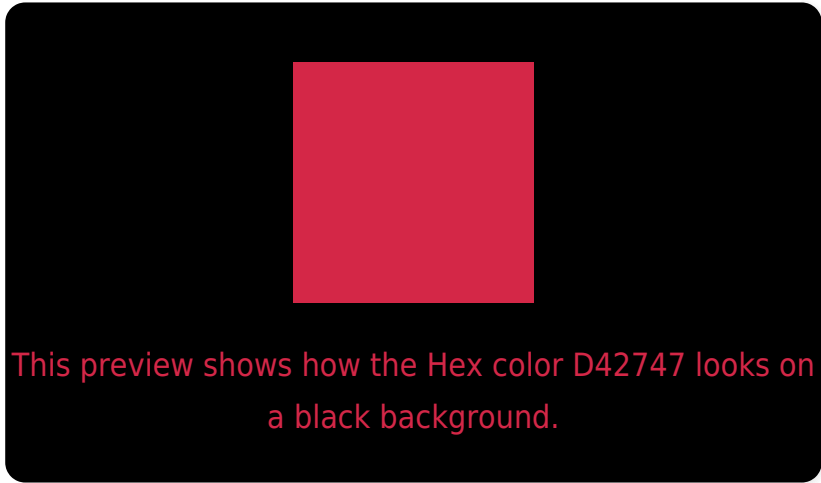
Large Text (above 18pt) WCAG AA ✓ Pass

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 D42747 Background



This preview shows how black text looks on a background with the Hex color D42747.

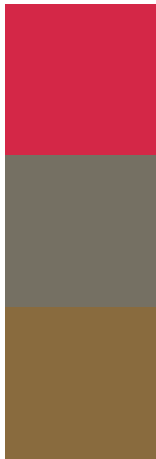


This preview shows how white text looks on a background with the Hex color D42747.

# 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



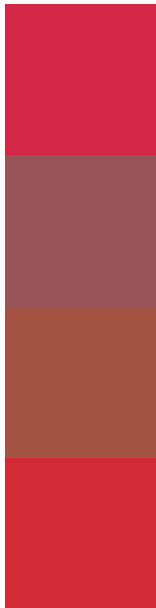
**Original Color**  
D42747

**Protanopia**  
757063

**Deuteranopia**  
896B3E



# Trichromacy



**Original Color**  
D42747

**Protanomaly**  
985559

**Deuteranomaly**  
A45241

**Tritanomaly**  
D32B36

# Monochromacy



**Original Color**  
D42747

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
894A56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D42747 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 #D42747 looks like.

```
.text, #text, p{  
    color:#D42747  
}
```

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 #D42747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D42747
}
```

## Border

The CSS property to change the border of an element to Hex D42747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

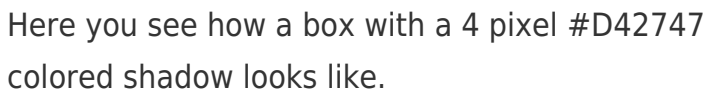
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D42747 }
```

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

```
.border{ border-color:#D42747 }
```

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



Here you see how a box with a 4 pixel #D42747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D42747; -webkit-box-shadow:4px 4px  
4px 4px #D42747; box-shadow:4px 4px 4px  
4px #D42747 }
```

# Background

The CSS property to change the background color of an element to Hex D42747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D42747 }
```

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

```
.background{ background-color:#D42747 }
```

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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