

# Converting Colors

Hex(D72C40)

Have a look what the booklet for  
Hex(D72C40) contains.

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# Color

Hex(D72C40)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D72C40
RGB	215, 44, 64
RGB Percent	84%, 17%, 25%
CMY	0.1569, 0.8275, 0.7490
CMYK	0.00, 0.80, 0.70, 0.16
HSL	353°, 68%, 51%
HSV	353°, 80%, 84%
XYZ	29.8504, 16.6186, 6.4849
YIQ	97.4090, 95.4960, 42.4720

# Conversions

## Conversions Part 2

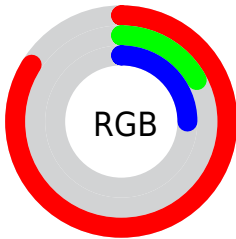
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 44, 64
Decimal	14101568
CIE Lab	47.78, 64.97, 31.85
CIE LCh	48, 72.358, 26.118
Yxy	16.6186, 0.5637, 0.3138
Android (android.graphics.Color)	4292291648 (0xFFD72C40)
YUV	97.4090, -16.4706, 103.1273
Hunter-Lab	40.7659, 59.3644, 19.1045

# Details

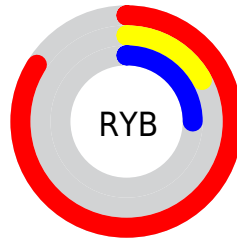
The Hex color **D72C40** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **2CD7C3**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6A70**, and **980016** is the 20% darker color. If you saturate the color by 10%, you get **D7162D**, and if you desaturate by 10%, it is **D74153**.

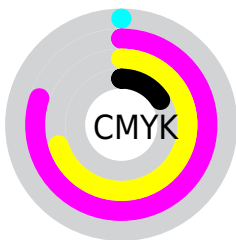
# Distribution



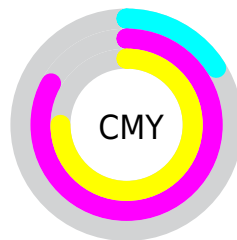
- Red (84%)
- Green (17%)
- Blue (25%)



- Red (84%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (80%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (83%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D72C40 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 D72C40 by changing the saturation by 10% instead.



 D72C40

 D72C40

FFFFFF

 B7002A

 FF6A70

 980016

 FF8789

 790000

 FFA4A3

 5A0001

 FFC1BF

 3D0003

 FFDEDA

 190001

 FFFCF7

 000000

 D72C40

 D72C40

 D7162D

 D74153

 D7011A

 D75766

 D70019

 D76C79

 D7828C

 D7989F

 D7ADB2

 D7C3C5

 D7D8D8

 D7EEEB

# Harmonies

## Analogous

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



D61D7C



D72C40



BD5100

# Triad

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



D72C40



008725



007CED

# Complementary

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



D72C40



2CD7C3

# 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.



0088D7



D72C40



008B67

# Square

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



D72C40



567D00



008BA6



5665E0

# Rectangle

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



D72C40



A16400



008BA6



0081E9



# Sweetspot

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



D72C40



FFC2C9



C02CD7



805B5F



000000



808080



# Same Dimension

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



D72C40



FF0D29



D76B2C



6B6062



AB0014



2B0005



# Inverse Universe

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



D72C40



FF0D29



2C98D7



6B6062



AB0014



2B0005



# Previews

## White Background



This preview shows how the Hex color D72C40 looks on a white background.

## Color Contrast Check

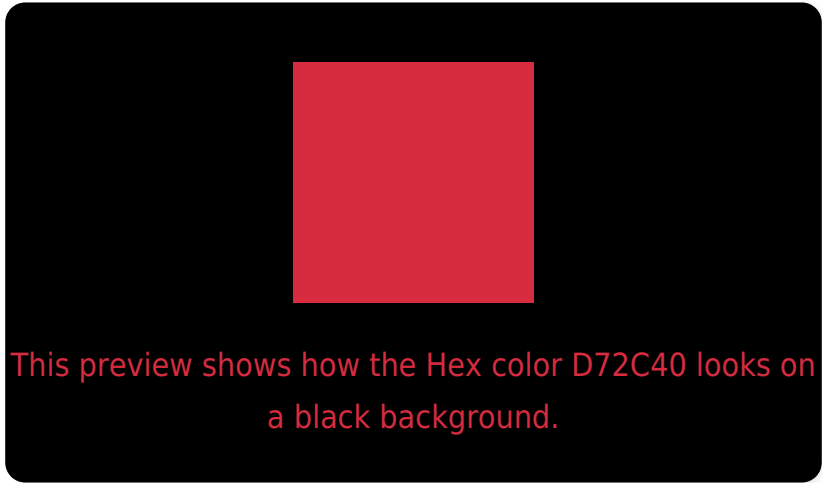
Large Text (above 18pt) WCAG AA ✓ Pass

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 D72C40 Background



This preview shows how black text looks on a background with the Hex color D72C40.



This preview shows how white text looks on a background with the Hex color D72C40.

# 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**  
D72C40

**Protanopia**  
7A7259

**Deuteranopia**  
8D6D36



**Tritanopia**  
D62F30

# Trichromacy



**Original Color**  
D72C40

**Protanomaly**  
9C5950

**Deuteranomaly**  
A8553A

**Tritanomaly**  
D62E36

# Monochromacy



**Original Color**  
D72C40

**Achromatopsia**  
616161

**Achromatomaly**  
8C4E55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D72C40 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 #D72C40 looks like.

```
.text, #text, p{  
    color:#D72C40  
}
```

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 #D72C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72C40
}
```

## Border

The CSS property to change the border of an element to Hex D72C40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

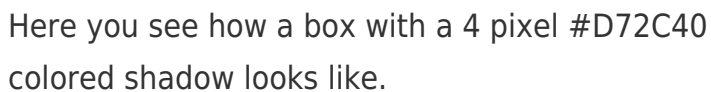
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D72C40 }
```

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

```
.border{ border-color:#D72C40 }
```

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



Here you see how a box with a 4 pixel `#D72C40` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72C40; -webkit-box-shadow:4px 4px  
4px 4px #D72C40; box-shadow:4px 4px 4px  
4px #D72C40 }
```

# Background

The CSS property to change the background color of an element to Hex D72C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72C40 }
```

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

```
.background{ background-color:#D72C40 }
```

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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