

Converting Colors

Hex(D12C46)

Have a look what the booklet for
Hex(D12C46) contains.

Hex(D12C46)	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(D12C46)

Conversions

Conversions Part 1

Format	Color
Hex	D12C46
RGB	209, 44, 70
RGB Percent	82%, 17%, 27%
CMY	0.1804, 0.8275, 0.7255
CMYK	0.00, 0.79, 0.67, 0.18
HSL	351°, 65%, 50%
HSV	351°, 79%, 82%
XYZ	28.3007, 15.7989, 7.3522
YIQ	96.2990, 89.9940, 43.0660

Conversions

Conversions Part 2

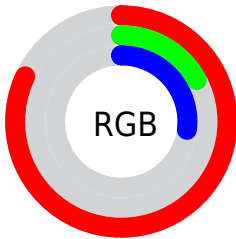
Format	Color
R _Y B	209, 44, 70
Decimal	13708358
CIE Lab	46.71, 63.58, 26.68
CIE LCh	47, 68.950, 22.763
Yxy	15.7989, 0.5500, 0.3071
Android (android.graphics.Color)	4291898438 (0xFFD12C46)
YUV	96.2990, -12.9654, 98.8388
Hunter-Lab	39.7478, 57.5344, 16.8565

Details

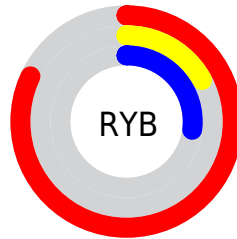
The Hex color **D12C46** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **2CD1B7**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6976**, and **93001B** is the 20% darker color. If you saturate the color by 10%, you get **D11734**, and if you desaturate by 10%, it is **D14158**.

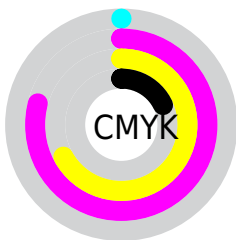
Distribution



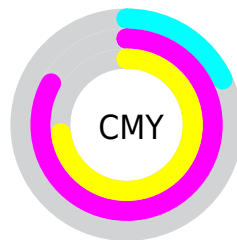
- Red (82%)
- Green (17%)
- Blue (27%)



- Red (82%)
- Yellow (17%)
- Blue (27%)



- Cyan (0%)
- Magenta (79%)
- Yellow (67%)
- Black (18%)



- Cyan (18%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D12C46 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 D12C46 by changing the saturation by 10% instead.

 D12C46

 D12C46

FFFFFF

 B20030

 FF6976

 93001B

 FF8690

 740002

 FFA3AA

 560001

 FFC0C5

 390002

 FFDDE1

 100000

 FFFBFE

 000000

 D12C46

 D12C46

 D11734

 D14158

 D10223

 D15669

 D10021

 D16B7B

 D1808C

 D1959E

 D1A9B0

 D1BEC1

 D1D3D3

 D1E8E4

Harmonies

Analogous

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



CC267F



D12C46



BB4D08

Triad

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



D12C46



008220



007AE3

Complementary

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



D12C46



2CD1B7

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.



0085CB



D12C46



00875E

Square

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



D12C46



5C7900



00889A



4566DB

Rectangle

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



D12C46



A16000



00889A



007FDE

Sweetspot

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



D12C46



FFC2CB



B62CD1



805B60



000000



808080

Same Dimension

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



D12C46



FF0D33



D1632C



695E60



A8001B



290006

Inverse Universe

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



D12C46



FF0D33



2C9AD1



695E60



A8001B



290006

Previews

White Background



This preview shows how the Hex color D12C46 looks on a white background.

Color Contrast Check

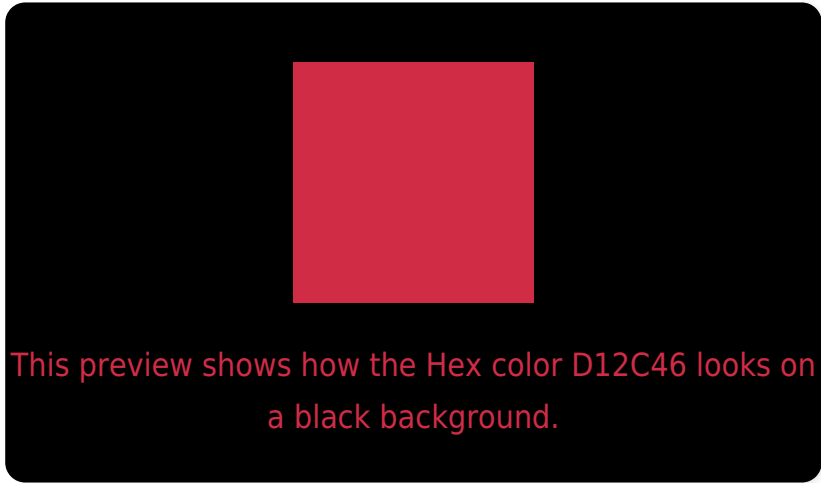
Large Text (above 18pt) WCAG AA ✓ Pass

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 D12C46 Background



This preview shows how black text looks on a background with the Hex color D12C46.

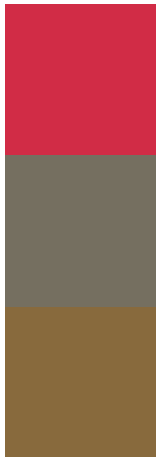


This preview shows how white text looks on a background with the Hex color D12C46.

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
D12C46

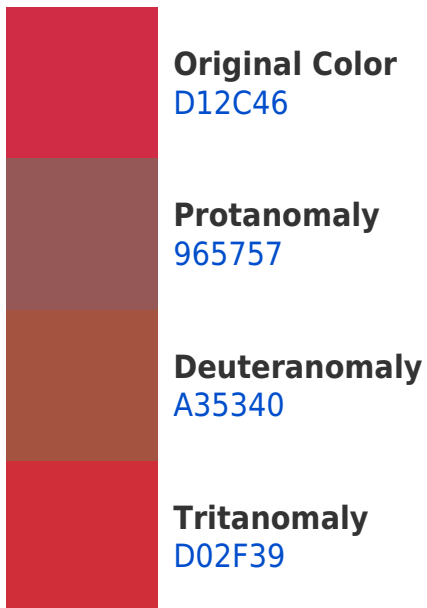
Protanopia
756F60

Deuteranopia
886A3D

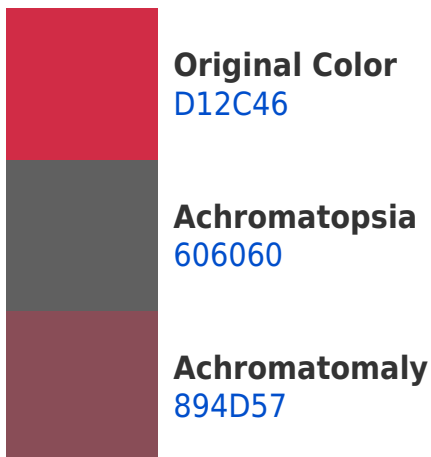


Tritanopia
D03031

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D12C46 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 #D12C46 looks like.

```
.text, #text, p{  
    color:#D12C46  
}
```

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 #D12C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D12C46
}
```

Border

The CSS property to change the border of an element to Hex D12C46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

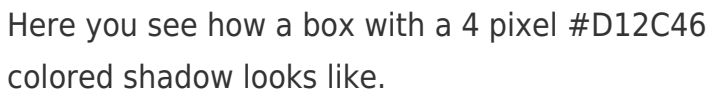
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D12C46 }
```

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

```
.border{ border-color:#D12C46 }
```

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



Here you see how a box with a 4 pixel #D12C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D12C46; -webkit-box-shadow:4px 4px  
4px 4px #D12C46; box-shadow:4px 4px 4px  
4px #D12C46 }
```

Background

The CSS property to change the background color of an element to Hex D12C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D12C46 }
```

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

```
.background{ background-color:#D12C46 }
```

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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