

Converting Colors

Hex(D4203F)

Have a look what the booklet for
Hex(D4203F) contains.

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Color

Hex(D4203F)

Conversions

Conversions Part 1

Format	Color
Hex	D4203F
RGB	212, 32, 63
RGB Percent	83%, 13%, 25%
CMY	0.1686, 0.8745, 0.7529
CMYK	0.00, 0.85, 0.70, 0.17
HSL	350°, 74%, 48%
HSV	350°, 85%, 83%
XYZ	28.5651, 15.3890, 6.1674
YIQ	89.3540, 97.3290, 47.8010

Conversions

Conversions Part 2

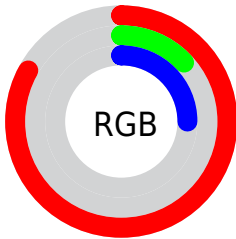
Format	Color
R_{YB}	212, 32, 63
Decimal	13901887
CIE Lab	46.16, 66.97, 30.37
CIE LCh	46, 73.538, 24.390
Yxy	15.3890, 0.5699, 0.3070
Android (android.graphics.Color)	4292091967 (0xFFD4203F)
YUV	89.3540, -12.9925, 107.5605
Hunter-Lab	39.2288, 61.3275, 18.1387

Details

The Hex color **D4203F** 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 **20D4B5**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF636F**, and **950015** is the 20% darker color. If you saturate the color by 10%, you get **D40B2D**, and if you desaturate by 10%, it is **D43551**.

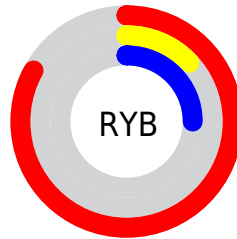
Distribution



Red (83%)

Green (13%)

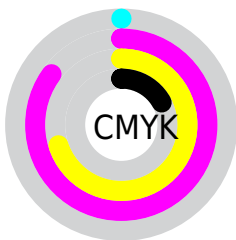
Blue (25%)



Red (83%)

Yellow (13%)

Blue (25%)

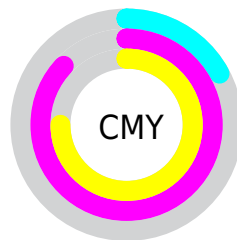


Cyan (0%)

Magenta (85%)

Yellow (70%)

Black (17%)



Cyan (17%)

Magenta (87%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4203F 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 D4203F by changing the saturation by 10% instead.

 D4203F

 D4203F

FFFFFF

 B40029

 FF636F

 950015

 FF8088

 760000

 FF9DA2

 570001

 FFBABD

 3A0002

 FFD8D9

 110000

 FFF5F5

 000000

 D4203F

 D4203F

 D40B2D

 D43551

 D40025

 D44A62

 D46074

 D47585

 D48A97

 D49FA8

 D4B4BA

 D4CACB

 D4DFDD

Harmonies

Analogous

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



D10F7C



D4203F



BB4A00

Triad

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



D4203F



00821B



0079EA

Complementary

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



D4203F



20D4B5

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.



0084D2



D4203F



00865F

Square

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



D4203F



547900



00879F



4562DF

Rectangle

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



D4203F



9F5F00



00879F



007EE5

Sweetspot

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



D4203F



FFBFCA



B320D4



805960



000000



808080

Same Dimension

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



D4203F



FF002C



D45920



6B6062



AB001D



2B0007

Inverse Universe

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



D4203F



FF002C



209BD4



6B6062



AB001D



2B0007

Previews

White Background



This preview shows how the Hex color D4203F looks on a white background.

Color Contrast Check

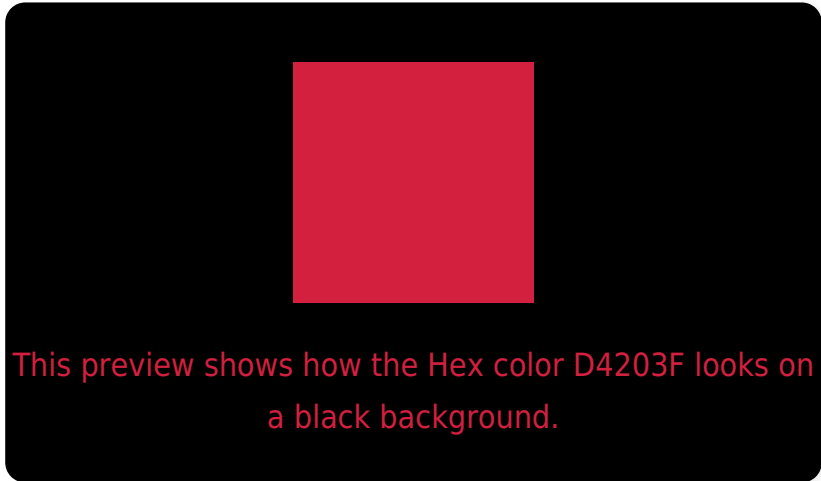
Large Text (above 18pt) WCAG AA ✓ Pass

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 D4203F Background



This preview shows how black text looks on a background with the Hex color D4203F.

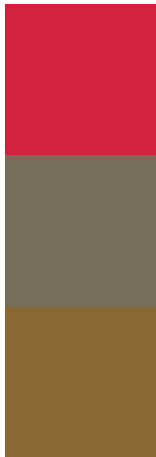


This preview shows how white text looks on a background with the Hex color D4203F.

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

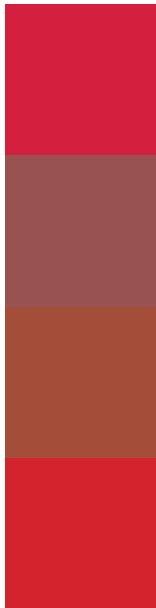


Original Color
D4203F

Protanopia
756E5A

Deuteranopia
886935

Trichromacy



Original Color
D4203F

Protanomaly
985250

Deuteranomaly
A44E39

Tritanomaly
D3242E

Monochromacy



Original Color
D4203F

Achromatopsia
595959

Achromatomaly
864450

CSS Examples

Text

The CSS property to change the color of the text to Hex D4203F 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 #D4203F looks like.

```
.text, #text, p{  
    color:#D4203F  
}
```

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 #D4203F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4203F
}
```

Border

The CSS property to change the border of an element to Hex D4203F is called "border". The border property can be set on classes, ids or directly on the HTML element.

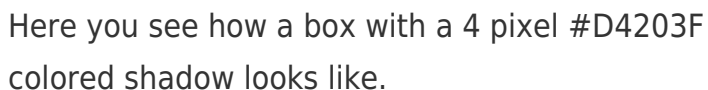
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D4203F }
```

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

```
.border{ border-color:#D4203F }
```

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



Here you see how a box with a 4 pixel #D4203F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4203F; -webkit-box-shadow:4px 4px  
4px 4px #D4203F; box-shadow:4px 4px 4px  
4px #D4203F }
```

Background

The CSS property to change the background color of an element to Hex D4203F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4203F }
```

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

```
.background{ background-color:#D4203F }
```

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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