

Converting Colors

Hex(D1213F)

Have a look what the booklet for
Hex(D1213F) contains.

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Color

Hex(D1213F)

Conversions

Conversions Part 1

Format	Color
Hex	D1213F
RGB	209, 33, 63
RGB Percent	82%, 13%, 25%
CMY	0.1804, 0.8706, 0.7529
CMYK	0.00, 0.84, 0.70, 0.18
HSL	350°, 73%, 47%
HSV	350°, 84%, 82%
XYZ	27.7356, 15.0019, 6.1365
YIQ	89.0440, 95.2660, 46.6420

Conversions

Conversions Part 2

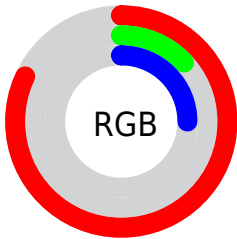
Format	Color
R_{YB}	209, 33, 63
Decimal	13705535
CIE Lab	45.64, 65.97, 29.59
CIE LCh	46, 72.299, 24.159
Yxy	15.0019, 0.5675, 0.3070
Android (android.graphics.Color)	4291895615 (0xFFD1213F)
YUV	89.0440, -12.8397, 105.2014
Hunter-Lab	38.7323, 60.0394, 17.7191

Details

The Hex color **D1213F** 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 **21D1B3**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF636E**, and **920015** is the 20% darker color. If you saturate the color by 10%, you get **D10C2E**, and if you desaturate by 10%, it is **D13650**.

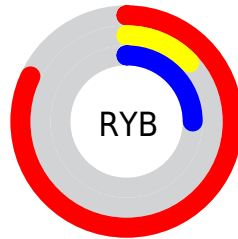
Distribution



Red (82%)

Green (13%)

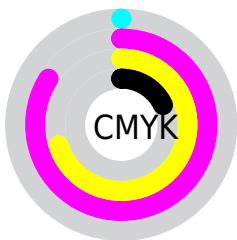
Blue (25%)



Red (82%)

Yellow (13%)

Blue (25%)

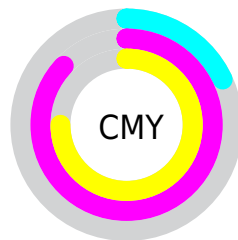


Cyan (0%)

Magenta (84%)

Yellow (70%)

Black (18%)



Cyan (18%)

Magenta (87%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1213F 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 D1213F by changing the saturation by 10% instead.

 D1213F

 D1213F

FFFFFF

 B10029

 FF636E

 920015

 FF8088

 730000

 FF9DA2

 550001

 FFBABD

 370002

 FFD7D9

 0B0000

 FFF5F5

 000000

 D1213F

 D1213F

 D10C2E

 D13650

 D10024

 D14B62

 D16073

 D17584

 D18A96

 D19EA7

 D1B3B8

 D1C8CA

 D1DDDB

Harmonies

Analogous

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



CE127B



D1213F



B84900

Triad

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



D1213F



00801B



0078E6

Complementary

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



D1213F



21D1B3

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.



0082CE



D1213F



00855E

Square

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



D1213F



547700



00869C



4361DC

Rectangle

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



D1213F



9D5D00



00869C



007CE2

Sweetspot

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



D1213F



FFBFCA



B121D1



805960



000000



808080

Same Dimension

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



D1213F



FF002B



D15921



695E60



A8001D



290007

Inverse Universe

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



D1213F



FF002B



2199D1



695E60



A8001D



290007

Previews

White Background



This preview shows how the Hex color D1213F looks on a white background.

Color Contrast Check

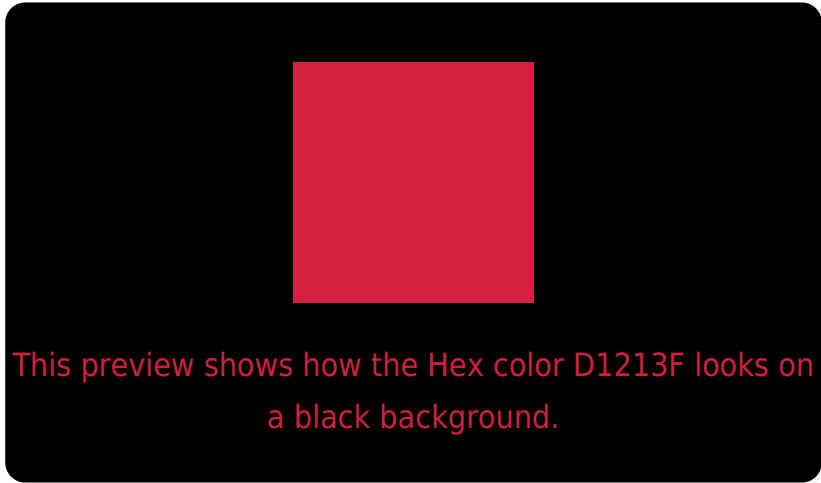
Large Text (above 18pt) WCAG AA ✓ Pass

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 D1213F Background



This preview shows how black text looks on a background with the Hex color D1213F.



This preview shows how white text looks on a background with the Hex color D1213F.

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

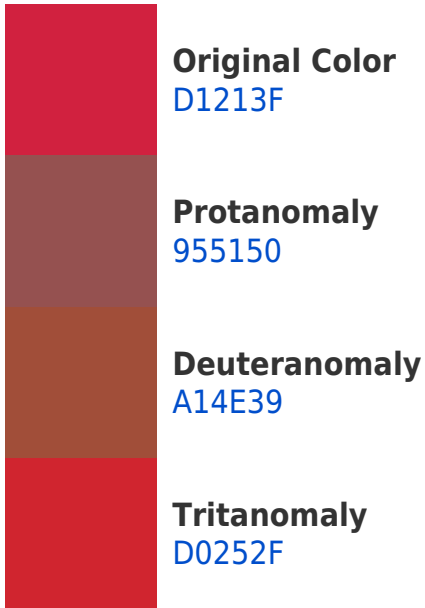


Original Color
D1213F

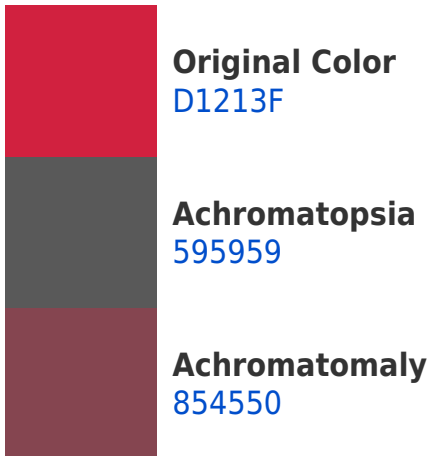
Protanopia
736D5A

Deuteranopia
866835

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1213F 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 #D1213F looks like.

```
.text, #text, p{  
    color:#D1213F  
}
```

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 #D1213F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1213F
}
```

Border

The CSS property to change the border of an element to Hex D1213F is called "border". The border property can be set on classes, ids or directly on the HTML element.

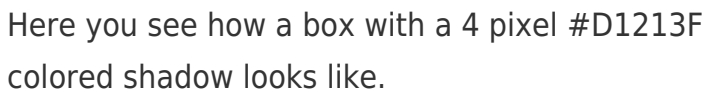
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D1213F }
```

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

```
.border{ border-color:#D1213F }
```

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



Here you see how a box with a 4 pixel `#D1213F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1213F; -webkit-box-shadow:4px 4px  
4px 4px #D1213F; box-shadow:4px 4px 4px  
4px #D1213F }
```

Background

The CSS property to change the background color of an element to Hex D1213F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1213F }
```

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

```
.background{ background-color:#D1213F }
```

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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