

Converting Colors

Hex(DF1232)

Have a look what the booklet for
Hex(DF1232) contains.

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Color

Hex(DF1232)

Conversions

Conversions Part 1

Format	Color
Hex	DF1232
RGB	223, 18, 50
RGB Percent	87%, 7%, 20%
CMY	0.1255, 0.9294, 0.8039
CMYK	0.00, 0.92, 0.78, 0.13
HSL	351°, 85%, 47%
HSV	351°, 92%, 87%
XYZ	31.2235, 16.3509, 4.5280
YIQ	82.9430, 111.9080, 53.4120

Conversions

Conversions Part 2

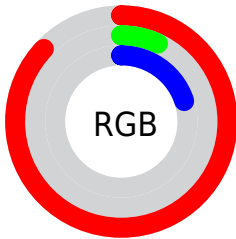
Format	Color
R_{YB}	223, 18, 50
Decimal	14619186
CIE _{Lab}	47.43, 71.59, 40.07
CIE _{LCh}	47, 82.040, 29.239
Yxy	16.3509, 0.5993, 0.3138
Android (android.graphics.Color)	4292809266 (0xFFDF1232)
YUV	82.9430, -16.2409, 122.8300
Hunter-Lab	40.4362, 67.0682, 21.6661

Details

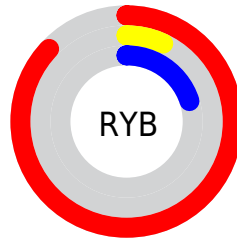
The Hex color **DF1232** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **12DFBF**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5F61**, and **9E0006** is the 20% darker color. If you saturate the color by 10%, you get **DF0023**, and if you desaturate by 10%, it is **DF2845**.

Distribution



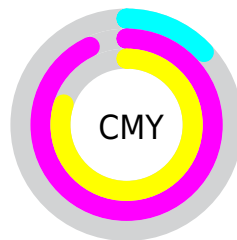
- Red (87%)
- Green (7%)
- Blue (20%)



- Red (87%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (92%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF1232 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 DF1232 by changing the saturation by 10% instead.

 DF1232

 DF1232

FFFFFF

 BF001D

 FF5F61

 9E0006

 FF7D7A

 7F0000

 FF9A94

 5F0002

 FFB8AE

 410003

 FFD5CA

 1F0001

 FFF4E6

 000000

 DF1232

 DF1232

 DF0023

 DF2845

 DF3F58

 DF556A

 DF6B7D

 DF8290

 DF98A3

 DFAEB6

 DFC4C9

 DFDBDB

Harmonies

Analogous

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



E20076



DF1232



BE4E00

Triad

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



DF1232



008820



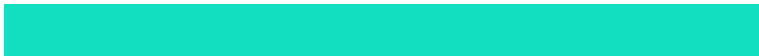
007BFD

Complementary

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



DF1232



12DFBF

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.



0089E8



DF1232



008C6D

Square

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



DF1232



447F00



008DB3



5B5FEB

Rectangle

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



DF1232



9E6500



008DB3



0081FA

Sweetspot

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



DF1232



FFB8C3



BD12DF



80545B



000000



808080

Same Dimension

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



DF1232



FF0028



DF5612



706567



B0001B



300008

Inverse Universe

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



DF1232



FF0028



129BDF



706567



B0001B



300008

Previews

White Background



This preview shows how the Hex color DF1232 looks on a white background.

Color Contrast Check

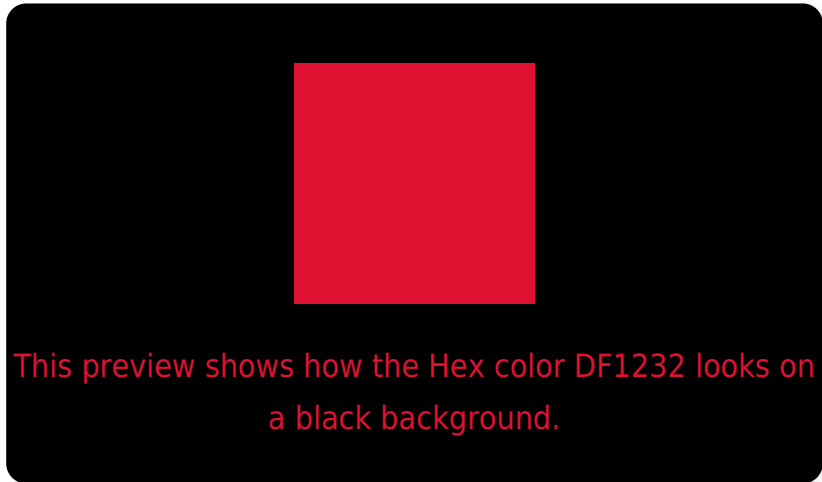
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF1232 Background



This preview shows how black text looks on a background with the Hex color DF1232.



This preview shows how white text looks on a background with the Hex color DF1232.

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
DF1232

Protanopia
7B724B

Deuteranopia
8E6C24

Trichromacy



Original Color
DF1232

Protanomaly
9F4F42

Deuteranomaly
AB4B29

Tritanomaly
DE171F

Monochromacy



Original Color
DF1232

Achromatopsia
535353

Achromatomaly
863B47

CSS Examples

Text

The CSS property to change the color of the text to Hex DF1232 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 #DF1232 looks like.

```
.text, #text, p{  
    color:#DF1232  
}
```

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 #DF1232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF1232
}
```

Border

The CSS property to change the border of an element to Hex DF1232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

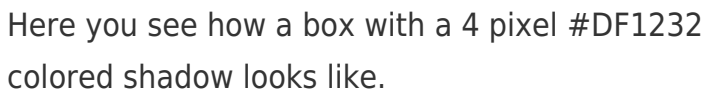
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DF1232 }
```

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

```
.border{ border-color:#DF1232 }
```

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



Here you see how a box with a 4 pixel `#DF1232` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF1232; -webkit-box-shadow:4px 4px  
4px 4px #DF1232; box-shadow:4px 4px 4px  
4px #DF1232 }
```

Background

The CSS property to change the background color of an element to Hex DF1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF1232 }
```

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

```
.background{ background-color:#DF1232 }
```

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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