

Converting Colors

Hex(DF4821)

Have a look what the booklet for
Hex(DF4821) contains.

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Color

Hex(DF4821)

Conversions

Conversions Part 1

Format	Color
Hex	DF4821
RGB	223, 72, 33
RGB Percent	87%, 28%, 13%
CMY	0.1255, 0.7176, 0.8706
CMYK	0.00, 0.68, 0.85, 0.13
HSL	12°, 75%, 50%
HSV	12°, 85%, 87%
XYZ	33.0233, 20.4325, 3.6422
YIQ	112.7030, 102.5150, 19.8830

Conversions

Conversions Part 2

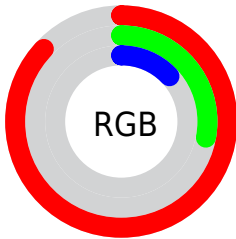
Format	Color
R_{YB}	223, 82, 33
Decimal	14632993
CIE _{Lab}	52.32, 57.01, 53.36
CIE _{LCh}	52, 78.084, 43.104
Yxy	20.4325, 0.5784, 0.3578
Android (android.graphics.Color)	4292823073 (0xFFDF4821)
YUV	112.7030, -39.2936, 96.7305
Hunter-Lab	45.2023, 51.3020, 26.8643

Details

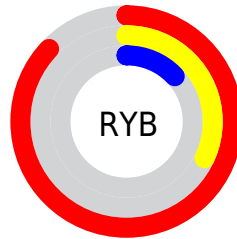
The Hex color **DF4821** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **21B8DF**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF8052**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **DF360B**, and if you desaturate by 10%, it is **DF5A37**.

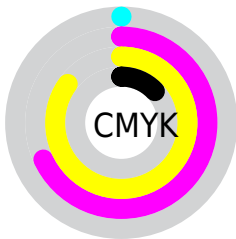
Distribution



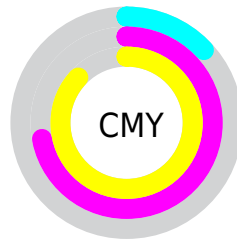
- Red (87%)
- Green (28%)
- Blue (13%)



- Red (87%)
- Yellow (32%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (72%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF4821 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 DF4821 by changing the saturation by 10% instead.

 DF4821

 DF4821

FFFFFF

 BF2A05

 FF8052

 9F0000

 FF9C6B

 800000

 FFB885

 610000

 FFD5A0

 440002

 FFF3BC

 250001

 FFFFD8

 000000

 FFFFF4

 DF4821

 DF4821

■ DF360B

■ DF5A37

■ DF2E00

■ DF6B4E

■ DF7D64

■ DF8F7A

■ DFA191

■ DFB2A7

■ DFC4BD

■ DFD6D3

■ DFE8EA

Harmonies

Analogous

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



F02063



DF4821



B66C00

Triad

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



DF4821



009753



007CFF

Complementary

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



DF4821



21B8DF

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.



008FFE



DF4821



009999

Square

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



DF4821



229100



0098D8



A25AE0

Rectangle

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



DF4821



917D00



0098D8



0084FF

Sweetspot

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



DF4821



FFCABD



DF21B9



806058



000000



808080

Same Dimension

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



DF4821



FF3400



DFA621



706765



B02400



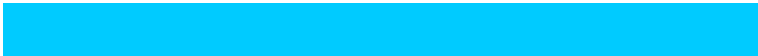
300A00

Inverse Universe

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



21B8DF



00CBFF



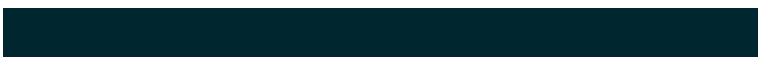
215ADF



656E70



008CB0



002730

Previews

White Background



This preview shows how the Hex color DF4821 looks on a white background.

Color Contrast Check

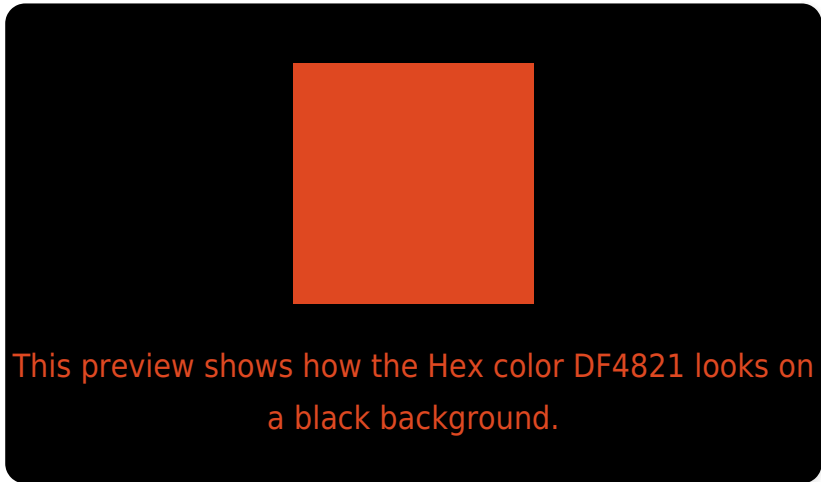
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DF4821 Background



This preview shows how black text looks on a background with the Hex color DF4821.



This preview shows how white text looks on a background with the Hex color DF4821.

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





Tritanopia
E04447

Trichromacy



Original Color
DF4821

Protanomaly
AA6A2A

Deuteranomaly
B6660F

Tritanomaly
E04539

Monochromacy



Original Color
DF4821

Achromatopsia
717171

Achromatomaly
996254

CSS Examples

Text

The CSS property to change the color of the text to Hex DF4821 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 #DF4821 looks like.

```
.text, #text, p{  
    color:#DF4821  
}
```

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 #DF4821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF4821
}
```

Border

The CSS property to change the border of an element to Hex DF4821 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
#DF4821 }
```

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

```
.border{ border-color:#DF4821 }
```

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

Here you see how a box with a 4 pixel #DF4821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF4821; -webkit-box-shadow:4px 4px  
4px 4px #DF4821; box-shadow:4px 4px 4px  
4px #DF4821 }
```

Background

The CSS property to change the background color of an element to Hex DF4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF4821 }
```

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

```
.background{ background-color:#DF4821 }
```

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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