

Converting Colors

Hex(DF942C)

Have a look what the booklet for
Hex(DF942C) contains.

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Color

Hex(DF942C)

Conversions

Conversions Part 1

Format	Color
Hex	DF942C
RGB	223, 148, 44
RGB Percent	87%, 58%, 17%
CMY	0.1255, 0.4196, 0.8275
CMYK	0.00, 0.34, 0.80, 0.13
HSL	35°, 74%, 52%
HSV	35°, 80%, 87%
XYZ	41.4760, 37.0496, 7.3481
YIQ	158.5690, 78.0840, -16.4440

Conversions

Conversions Part 2

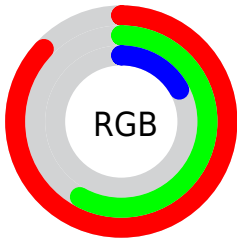
Format	Color
RYB	173, 223, 44
Decimal	14652460
CIELab	67.31, 20.13, 62.22
CIElCh	67, 65.395, 72.068
Yxy	37.0496, 0.4830, 0.4314
Android (android.graphics.Color)	4292842540 (0xFFDF942C)
YUV	158.5690, -56.4825, 56.5060
Hunter-Lab	60.8684, 15.1108, 35.4503

Details

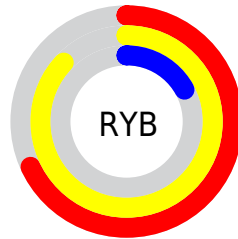
The Hex color **DF942C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **2C77DF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFCA62**, and **A26100** is the 20% darker color. If you saturate the color by 10%, you get **DF8B16**, and if you desaturate by 10%, it is **DF9D42**.

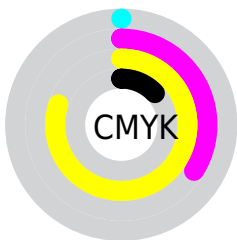
Distribution



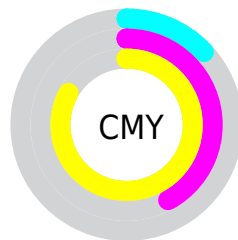
- Red (87%)
- Green (58%)
- Blue (17%)



- Red (68%)
- Yellow (87%)
- Blue (17%)



- Cyan (0%)
- Magenta (34%)
- Yellow (80%)
- Black (13%)



- Cyan (13%)
- Magenta (42%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF942C 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 DF942C by changing the saturation by 10% instead.

 DF942C

 DF942C

FFFFFF

 C07A09

 FFCA62

 A26100

 FFE67D

 854900

 FFFF98

 683200

 FFFFB4

 4C1D00

 FFFFD1

 310700

 FFFFED

 140000

 000000

 DF942C

 DF942C

 DF8B16

 DF9D42

 DF8200

 DFA759

 DFB06F

 DFB985

 DFC39B

 DFCCB2

 DFD5C8

 DFDFDE

 DFE8F5

Harmonies

Analogous

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



FF7C57



DF942C



ACA820

Triad

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



DF942C



00C0BB



C58AFC

Complementary

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



DF942C



2C77DF

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.



59A3FF



DF942C



00BDF2

Square

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



DF942C



00BE7D



00B4FF



FC72CA

Rectangle

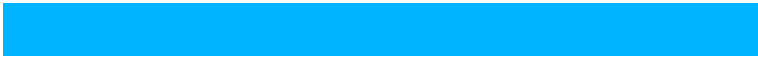
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF942C



82B237



00B4FF



AA92FF

Sweetspot

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



DF942C



FFE5C2



DF2C7A



80705B



000000



808080

Same Dimension

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



DF942C



FF980A



D3DF2C



706B65



B06600



301C00

Inverse Universe

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



2C77DF



0A71FF



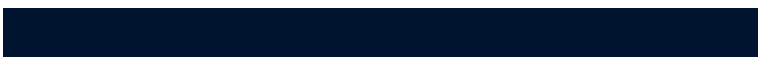
382CDF



656A70



004AB0



001430

Previews

White Background



This preview shows how the Hex color DF942C looks on a white background.

Color Contrast Check

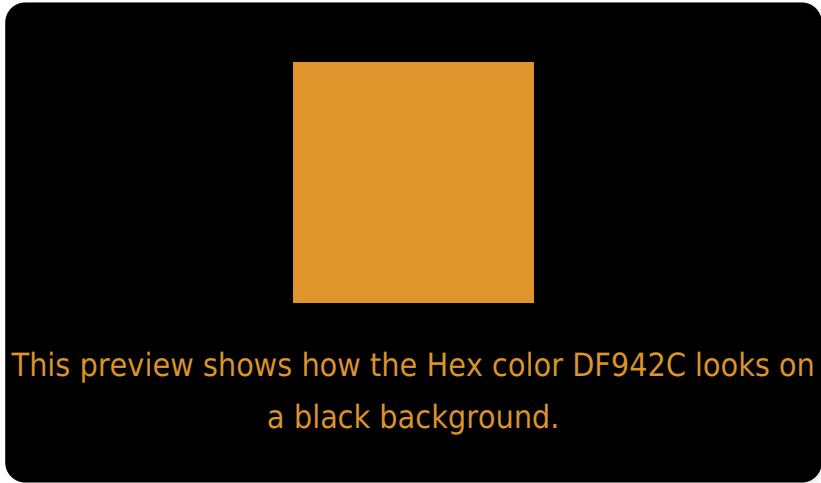
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex DF942C Background



This preview shows how black text looks on a background with the Hex color DF942C.



This preview shows how white text looks on a background with the Hex color DF942C.

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
DF942C

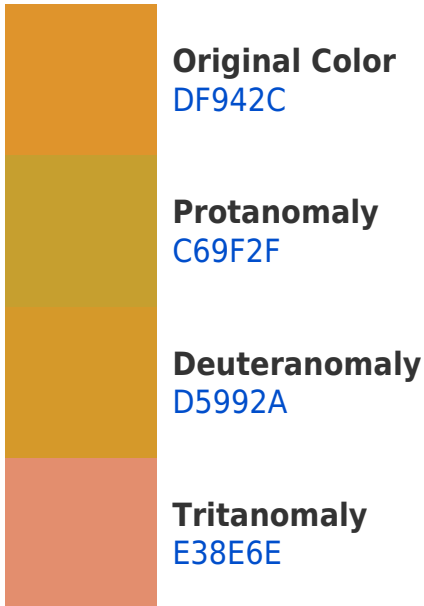
Protanopia
B8A530

Deuteranopia
CF9C29



Tritanopia
E58A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF942C 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 #DF942C looks like.

```
.text, #text, p{  
    color:#DF942C  
}
```

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 #DF942C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF942C
}
```

Border

The CSS property to change the border of an element to Hex DF942C 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
#DF942C }
```

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

```
.border{ border-color:#DF942C }
```

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

Here you see how a box with a 4 pixel #DF942C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF942C; -webkit-box-shadow:4px 4px  
4px 4px #DF942C; box-shadow:4px 4px 4px  
4px #DF942C }
```

Background

The CSS property to change the background color of an element to Hex DF942C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF942C }
```

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

```
.background{ background-color:#DF942C }
```

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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