

Converting Colors

Hex(DF9246)

Have a look what the booklet for
Hex(DF9246) contains.

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Color

Hex(DF9246)

Conversions

Conversions Part 1

Format	Color
Hex	DF9246
RGB	223, 146, 70
RGB Percent	87%, 57%, 27%
CMY	0.1255, 0.4275, 0.7255
CMYK	0.00, 0.35, 0.69, 0.13
HSL	30°, 71%, 57%
HSV	30°, 69%, 87%
XYZ	41.8158, 36.6879, 10.6719
YIQ	160.3590, 70.2880, -7.3120

Conversions

Conversions Part 2

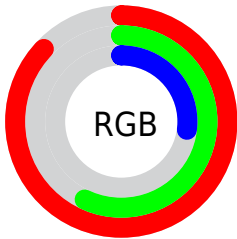
Format	Color
R_{YB}	223, 221, 70
Decimal	14651974
CIE _{Lab}	67.04, 22.34, 50.96
CIE _{LCh}	67, 55.645, 66.330
Yxy	36.6879, 0.4689, 0.4114
Android (android.graphics.Color)	4292842054 (0xFFDF9246)
YUV	160.3590, -44.5470, 54.9362
Hunter-Lab	60.5706, 17.2316, 31.9531

Details

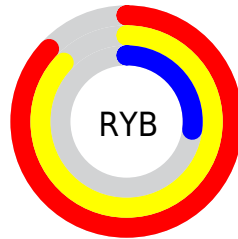
The Hex color **DF9246** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4693DF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC879**, and **A35F11** is the 20% darker color. If you saturate the color by 10%, you get **DF8730**, and if you desaturate by 10%, it is **DF9D5C**.

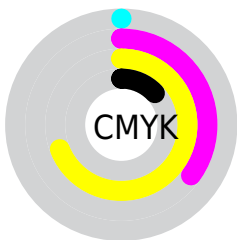
Distribution



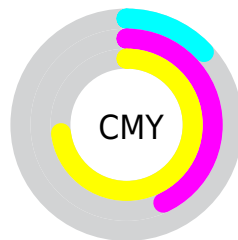
- Red (87%)
- Green (57%)
- Blue (27%)



- Red (87%)
- Yellow (87%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (69%)
- Black (13%)



- Cyan (13%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF9246 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 DF9246 by changing the saturation by 10% instead.

DF9246

DF9246

FFFFFF

C1782D

FFC879

A35F11

FFE494

864700

FFFFAF

6A3000

FFFFCB

4D1A00

FFFFE8

320400

150000

000000

DF9246

DF9246

 DF8730

 DF9D5C

 DF7C19

 DFA873

 DF7003

 DFB489

 DF6F00

 DFBF9F

 DFCAB6

 DFD5CC

 DFE1E2

 DFECF8

 DFF7FF

Harmonies

Analogous

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



FA806A



DF9246



B5A439

Triad

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



DF9246



00BCAD



B492F4

Complementary

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



DF9246



4693DF

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.



57A5FF



DF9246



00BADD

Square

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



DF9246



30B979



00B3FE



E97ECC

Rectangle

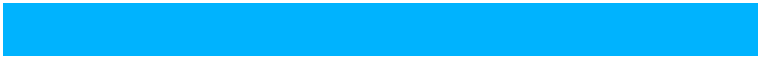
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF9246



93AD44



00B3FE



9B98FD

Sweetspot

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



DF9246



FFE4C9



DF4695



806F60



000000



808080

Same Dimension

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



DF9246



FF962E



DFDC46



706B65



B05700



301800

Inverse Universe

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



4693DF



2E97FF



4649DF



656B70



0059B0



001830

Previews

White Background



This preview shows how the Hex color DF9246 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

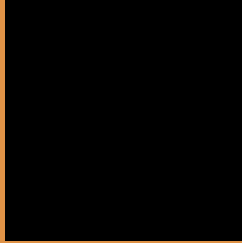
Any Text WCAG AA ✓ Pass

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 DF9246 Background



This preview shows how black text looks on a background with the Hex color DF9246.

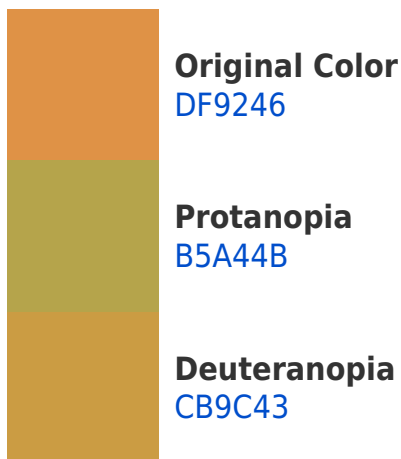


This preview shows how white text looks on a background with the Hex color DF9246.

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
E48A94

Trichromacy



Original Color
DF9246

Protanomaly
C49D49

Deuteranomaly
D29844

Tritanomaly
E28D78

Monochromacy



Original Color
DF9246

Achromatopsia
A0A0A0

Achromatomaly
B79B7F

CSS Examples

Text

The CSS property to change the color of the text to Hex DF9246 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 #DF9246 looks like.

```
.text, #text, p{  
    color:#DF9246  
}
```

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 #DF9246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF9246
}
```

Border

The CSS property to change the border of an element to Hex DF9246 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
#DF9246 }
```

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

```
.border{ border-color:#DF9246 }
```

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

Here you see how a box with a 4 pixel #DF9246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF9246; -webkit-box-shadow:4px 4px  
4px 4px #DF9246; box-shadow:4px 4px 4px  
4px #DF9246 }
```

Background

The CSS property to change the background color of an element to Hex DF9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF9246 }
```

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

```
.background{ background-color:#DF9246 }
```

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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