

Converting Colors

Hex(DF9F45)

Have a look what the booklet for
Hex(DF9F45) contains.

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Color

Hex(DF9F45)

Conversions

Conversions Part 1

Format	Color
Hex	DF9F45
RGB	223, 159, 69
RGB Percent	87%, 62%, 27%
CMY	0.1255, 0.3765, 0.7294
CMYK	0.00, 0.29, 0.69, 0.13
HSL	35°, 71%, 57%
HSV	35°, 69%, 87%
XYZ	43.9037, 40.9139, 11.2134
YIQ	167.8760, 67.0340, -14.4220

Conversions

Conversions Part 2

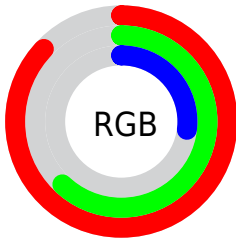
Format	Color
RYB	179, 223, 69
Decimal	14655301
CIELab	70.12, 15.32, 54.73
CIElCh	70, 56.832, 74.362
Yxy	40.9139, 0.4572, 0.4260
Android (android.graphics.Color)	4292845381 (0xFFDF9F45)
YUV	167.8760, -48.7459, 48.3437
Hunter-Lab	63.9640, 10.5822, 34.3808

Details

The Hex color **DF9F45** 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 **4585DF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD679**, and **A36C0C** is the 20% darker color. If you saturate the color by 10%, you get **DF962F**, and if you desaturate by 10%, it is **DFA85B**.

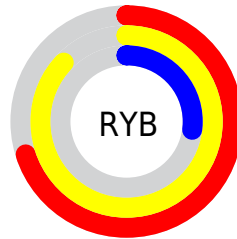
Distribution



Red (87%)

Green (62%)

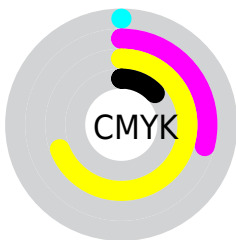
Blue (27%)



Red (70%)

Yellow (87%)

Blue (27%)

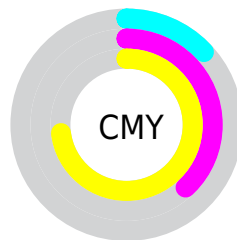


Cyan (0%)

Magenta (29%)

Yellow (69%)

Black (13%)



Cyan (13%)

Magenta (38%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF9F45 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 DF9F45 by changing the saturation by 10% instead.

 DF9F45

 DF9F45

FFFFFF

 C1852B

 FFD679

 A36C0C

 FFF294

 865300

 FFFFB0

 6A3C00

 FFFFCC

 4E2600

 FFFFEE

 341200

 1D0001

 000000

 DF9F45

 DF9F45

DF962F

DFA85B

DF8C18

DFB272

DF8302

DFBB88

DF8200

DFC49E

DFCDB4

DFD7CB

DFE0E1

DFE9F7

DFF2FF

Harmonies

Analogous

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



FF8B65



DF9F45



B1B041

Triad

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



DF9F45



00C5C3



CF94F6

Complementary

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



DF9F45



4585DF

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.



7EA8FF



DF9F45



00C2F2

Square

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



DF9F45



00C38E



00B9FF



FC82C9

Rectangle

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



DF9F45



8CB952



00B9FF



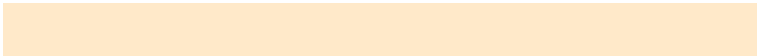
B89BFF

Sweetspot

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



DF9F45



FFE9C9



DF4585



807260



000000



808080

Same Dimension

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



DF9F45



FFA72B



D2DF45



706C65



B06700



301C00

Inverse Universe

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



4585DF



2B83FF



5245DF



656A70



0049B0



001430

Previews

White Background



This preview shows how the Hex color DF9F45 looks on a white background.

Color Contrast Check

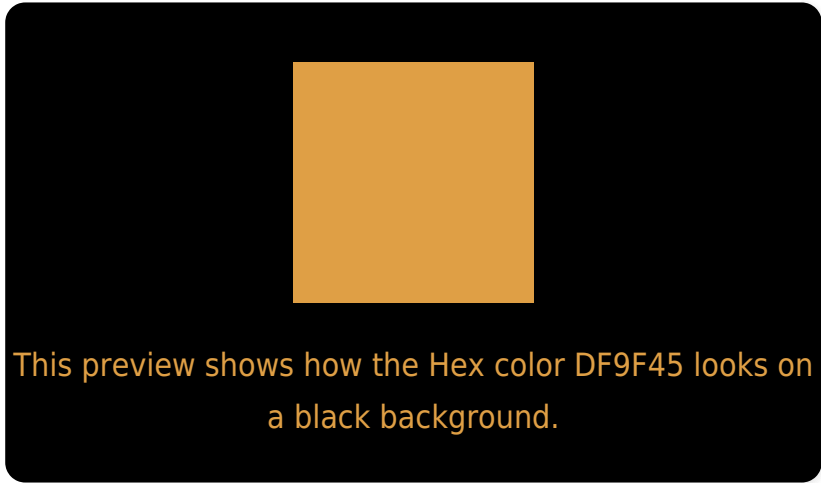
Large Text (above 18pt) WCAG AA × Fail

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

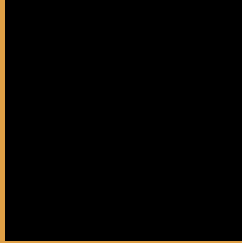
Any Text WCAG AA ✓ Pass

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 DF9F45 Background



This preview shows how black text looks on a background with the Hex color DF9F45.



This preview shows how white text looks on a background with the Hex color DF9F45.

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
DF9F45

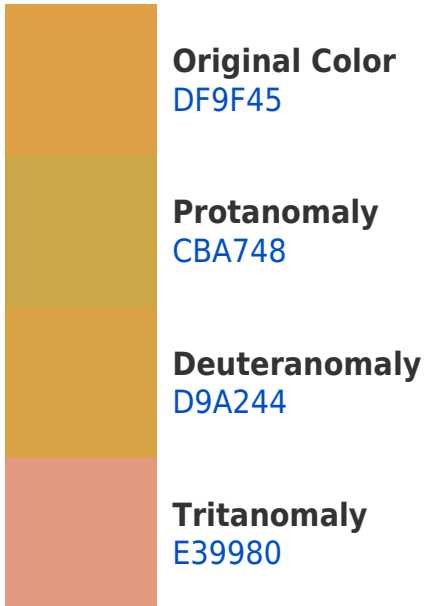
Protanopia
BFAC49

Deuteranopia
D6A344

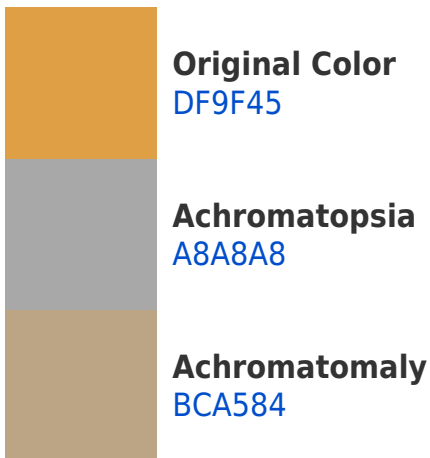


Tritanopia
E595A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF9F45 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 #DF9F45 looks like.

```
.text, #text, p{  
    color:#DF9F45  
}
```

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 #DF9F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF9F45
}
```

Border

The CSS property to change the border of an element to Hex DF9F45 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
#DF9F45 }
```

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

```
.border{ border-color:#DF9F45 }
```

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

Here you see how a box with a 4 pixel #DF9F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF9F45; -webkit-box-shadow:4px 4px  
4px 4px #DF9F45; box-shadow:4px 4px 4px  
4px #DF9F45 }
```

Background

The CSS property to change the background color of an element to Hex DF9F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF9F45 }
```

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

```
.background{ background-color:#DF9F45 }
```

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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