

# Converting Colors

Hex(DFA92E)

Have a look what the booklet for  
Hex(DFA92E) contains.

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# **Color**

**Hex(DFA92E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFA92E
RGB	223, 169, 46
RGB Percent	87%, 66%, 18%
CMY	0.1255, 0.3373, 0.8196
CMYK	0.00, 0.24, 0.79, 0.13
HSL	42°, 73%, 53%
HSV	42°, 79%, 87%
XYZ	45.1125, 44.2612, 8.7503
YIQ	171.1240, 71.6670, -26.8050

# Conversions

## Conversions Part 2

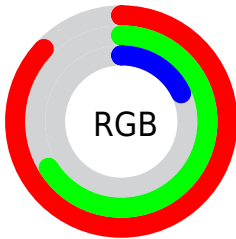
Format	Color
<a href="#">RYB</a>	<a href="#">124, 223, 46</a>
Decimal	<a href="#">14657838</a>
CIELab	<a href="#">72.40, 8.98, 66.11</a>
CIElCh	<a href="#">72, 66.717, 82.268</a>
Yxy	<a href="#">44.2612, 0.4598, 0.4511</a>
Android (android.graphics.Color)	<a href="#">4292847918</a> ( <a href="#">0xFFDFA92E</a> )
YUV	<a href="#">171.1240, -61.6861, 45.4953</a>
Hunter-Lab	<a href="#">66.5291, 4.6128, 38.7721</a>

# Details

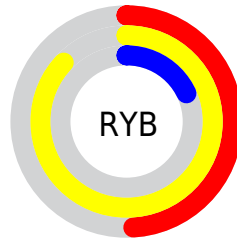
The Hex color **DFA92E** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2E64DF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE066**, and **A37500** is the 20% darker color. If you saturate the color by 10%, you get **DFA218**, and if you desaturate by 10%, it is **DFB044**.

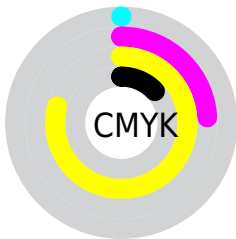
# Distribution



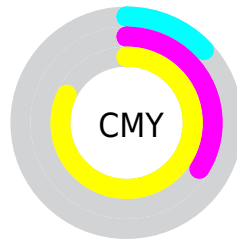
- Red (87%)
- Green (66%)
- Blue (18%)



- Red (49%)
- Yellow (87%)
- Blue (18%)



- Cyan (0%)
- Magenta (24%)
- Yellow (79%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFA92E 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 DFA92E by changing the saturation by 10% instead.



 DFA92E

 DFA92E

FFFFFF

 C18F07

 FFE066

 A37500

 FFFC81

 865D00

 FFFF9D

 694500

 FFFFB9

 4D2F00

 FFFFD6

 331B00

 FFFFF3

 1B0100

 000000

 DFA92E

 DFA92E

 DFA218

 DFB044

 DF9B01

 DFB75B

 DF9B00

 DFBD71

 DFC487

 DFCE9E

 DFD2B4

 DFD9CA

 DFDFE0

 DFE6F7

# Harmonies

## Analogous

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



FF9152



DFA92E



A5BC35

# Triad

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



DFA92E



00CFDE



EC8EFD

# Complementary

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



DFA92E



2E64DF

# 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.



96A8FF



DFA92E



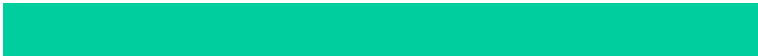
00CAFF

# Square

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



DFA92E



00CE9F



00BDFE



FF7AC4

# Rectangle

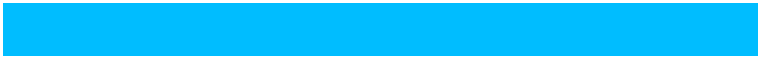
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFA92E



76C551



00BDFF



D597FF



# Sweetspot

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



DFA92E



FFECC2



DF2E66



80745B



000000



808080



# Same Dimension

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



DFA92E



FFB50D



BFD2E



706D65



B07A00



302200



# Inverse Universe

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



2E64DF



0D57FF



4E2EDF



656870



0036B0



000F30



# Previews

## White Background



This preview shows how the Hex color DFA92E looks on a white background.

## Color Contrast Check

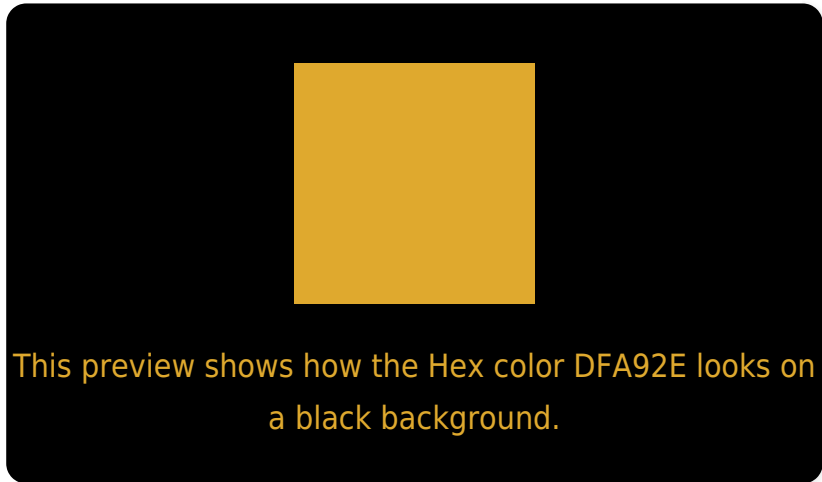
Large Text (above 18pt) WCAG AA × Fail

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 DFA92E Background



This preview shows how black text looks on a background with the Hex color DFA92E.



This preview shows how white text looks on a background with the Hex color DFA92E.

# 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**  
DFA92E

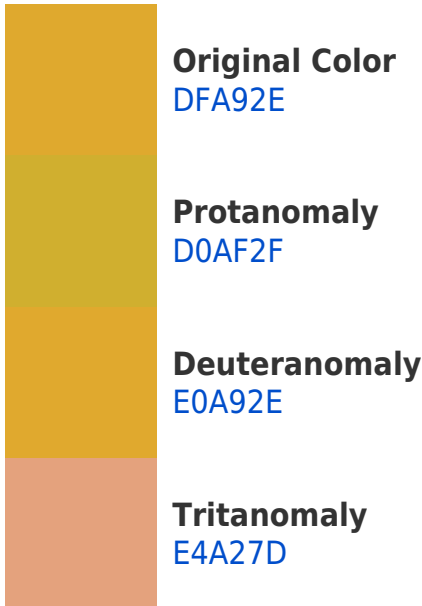
**Protanopia**  
C8B230

**Deuteranopia**  
E0A92E



**Tritanopia**  
E79EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFA92E 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 #DFA92E looks like.

```
.text, #text, p{  
    color:#DFA92E  
}
```

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 #DFA92E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFA92E
}
```

## Border

The CSS property to change the border of an element to Hex DFA92E 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
#DFA92E }
```

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

```
.border{ border-color:#DFA92E }
```

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

Here you see how a box with a 4 pixel #DFA92E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFA92E; -webkit-box-shadow:4px 4px  
4px 4px #DFA92E; box-shadow:4px 4px 4px  
4px #DFA92E }
```

# Background

The CSS property to change the background color of an element to Hex DFA92E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFA92E }
```

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

```
.background{ background-color:#DFA92E }
```

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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