

Converting Colors

Hex(DFA720)

Have a look what the booklet for
Hex(DFA720) contains.

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Color

Hex(DFA720)

Conversions

Conversions Part 1

Format	Color
Hex	DFA720
RGB	223, 167, 32
RGB Percent	87%, 65%, 13%
CMY	0.1255, 0.3451, 0.8745
CMYK	0.00, 0.25, 0.86, 0.13
HSL	42°, 75%, 50%
HSV	42°, 86%, 87%
XYZ	44.5109, 43.4297, 7.4033
YIQ	168.3540, 76.7110, -30.1130

Conversions

Conversions Part 2

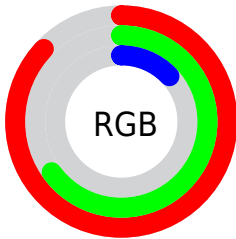
Format	Color
RYB	111, 223, 32
Decimal	14657312
CIELab	71.85, 9.64, 69.83
CIELCh	72, 70.489, 82.143
Yxy	43.4297, 0.4668, 0.4555
Android (android.graphics.Color)	4292847392 (0xFFDFA720)
YUV	168.3540, -67.2225, 47.9245
Hunter-Lab	65.9012, 5.2350, 39.4703

Details

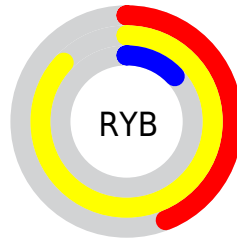
The Hex color **DFA720** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2058DF**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDE5C**, and **A37300** is the 20% darker color. If you saturate the color by 10%, you get **DFA00A**, and if you desaturate by 10%, it is **DFAE36**.

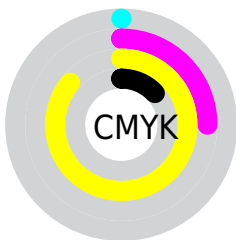
Distribution



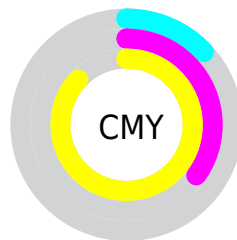
- Red (87%)
- Green (65%)
- Blue (13%)



- Red (44%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (86%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFA720 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 DFA720 by changing the saturation by 10% instead.

 DFA720

 DFA720

FFFFFF

 C18D00

 FFDE5C

 A37300

 FFFA77

 865B00

 FFFF93

 694400

 FFFFAF

 4D2E00

 FFFFCC

 321900

 FFFFEE

 1B0000

 000000

 DFA720

 DFA720

 DFA00A

 DFAE36

 DF9E00

 DFB44D

 DFBB63

 DFC179

 DFC890

 DFCEA6

 DFD5BC

 DFDBD2

 DFE2E9

Harmonies

Analogous

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



FF8D4B



DFA720



A3BB29

Triad

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



DFA720



00CEDF



ED8AFF

Complementary

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



DFA720



2058DF

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.



90A6FF



DFA720



00C9FF

Square

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



DFA720



00CD9C



00BCFF



FF74C4

Rectangle

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



DFA720



70C449



00BCFF



D593FF

Sweetspot

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



DFA720



FFECBD



DF2059



807458



000000



808080

Same Dimension

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



DFA720



FFB400



B9DF20



706D65



B07C00



302200

Inverse Universe

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



2058DF



004BFF



4620DF



656870



0034B0



000E30

Previews

White Background



This preview shows how the Hex color DFA720 looks on a white background.

Color Contrast Check

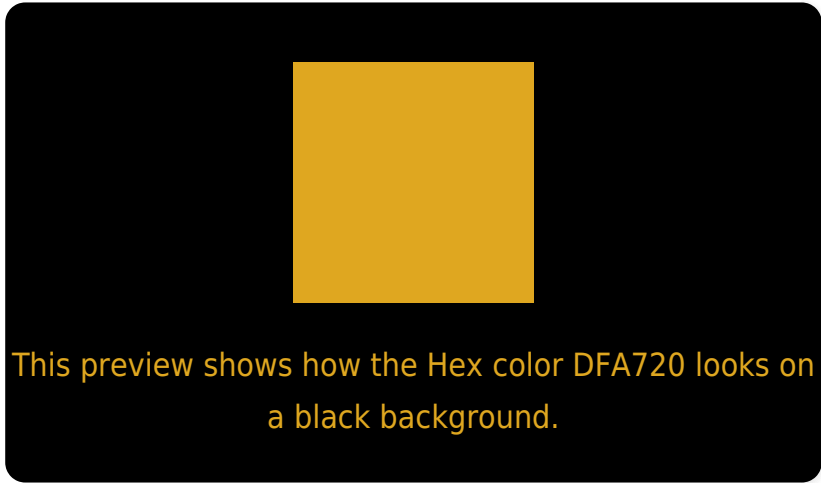
Large Text (above 18pt) WCAG AA × Fail

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 DFA720 Background



This preview shows how black text looks on a background with the Hex color DFA720.



This preview shows how white text looks on a background with the Hex color DFA720.

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
DFA720

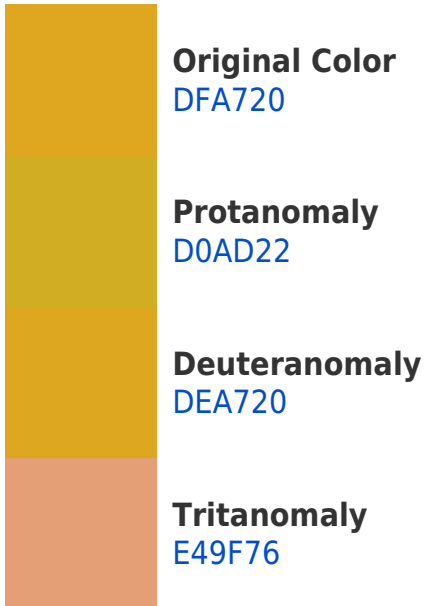
Protanopia
C7B123

Deuteranopia
DEA720

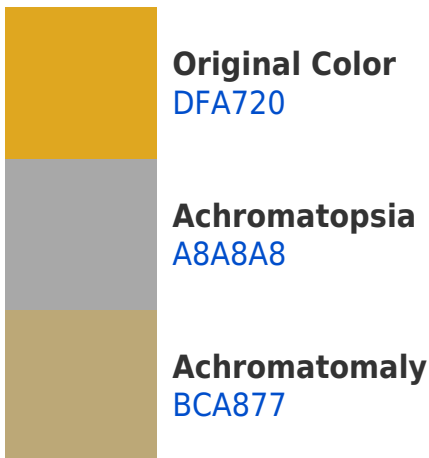


Tritanopia
E79BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFA720 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 #DFA720 looks like.

```
.text, #text, p{  
    color:#DFA720  
}
```

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 #DFA720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFA720  
}
```

Border

The CSS property to change the border of an element to Hex DFA720 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  
#DFA720 }
```

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

```
.border{ border-color:#DFA720 }
```

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

Here you see how a box with a 4 pixel #DFA720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFA720; -webkit-box-shadow:4px 4px  
4px 4px #DFA720; box-shadow:4px 4px 4px  
4px #DFA720 }
```

Background

The CSS property to change the background color of an element to Hex DFA720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFA720 }
```

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

```
.background{ background-color:#DFA720 }
```

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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