

Converting Colors

Hex(D3A93F)

Have a look what the booklet for
Hex(D3A93F) contains.

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Color

Hex(D3A93F)

Conversions

Conversions Part 1

Format	Color
Hex	D3A93F
RGB	211, 169, 63
RGB Percent	83%, 66%, 25%
CMY	0.1725, 0.3373, 0.7529
CMYK	0.00, 0.20, 0.70, 0.17
HSL	43°, 63%, 54%
HSV	43°, 70%, 83%
XYZ	41.9491, 42.5837, 10.7111
YIQ	169.4740, 59.0580, -24.0620

Conversions

Conversions Part 2

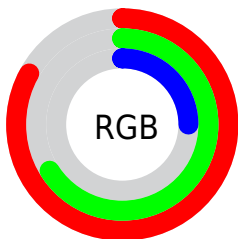
Format	Color
RYB	122, 211, 63
Decimal	13871423
CIELab	71.27, 4.51, 58.14
CIElCh	71, 58.318, 85.561
Yxy	42.5837, 0.4404, 0.4471
Android (android.graphics.Color)	4292061503 (0xFFD3A93F)
YUV	169.4740, -52.4917, 36.4183
Hunter-Lab	65.2562, 0.5482, 35.9475

Details

The Hex color **D3A93F** 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 **3F69D3**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE074**, and **997500** is the 20% darker color. If you saturate the color by 10%, you get **D3A32A**, and if you desaturate by 10%, it is **D3AF54**.

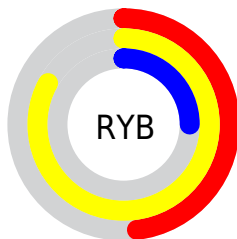
Distribution



Red (83%)

Green (66%)

Blue (25%)



Red (48%)

Yellow (83%)

Blue (25%)

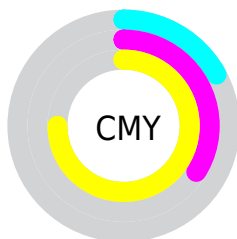


Cyan (0%)

Magenta (20%)

Yellow (70%)

Black (17%)



Cyan (17%)

Magenta (34%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3A93F 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 D3A93F by changing the saturation by 10% instead.

 D3A93F

 D3A93F

FFFFFF

 B58F23

 FFE074

 997500

 FFFC8F

 7C5D00

 FFFFAB

 614600

 FFFFC7

 453000

 FFFF E4

 2C1B00

 110100

 000000

 D3A93F

 D3A93F

 D3A32A

 D3AF54

 D39D15

 D3B569

 D39700

 D3BB7E

 D3C193

 D3C7A9

 D3CDBE

 D3D3D3

 D3D9E8

 D3DFFD

Harmonies

Analogous

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



FB9558



D3A93F



9FB949

Triad

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



D3A93F



00C8DB



E88EEB

Complementary

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



D3A93F



3F69D3

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.



A4A4FF



D3A93F



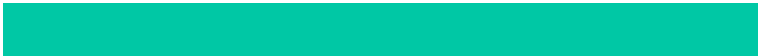
00C3FF

Square

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



D3A93F



00C8A5



00B7FF



FF80B9

Rectangle

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



D3A93F



75C161



00B7FF



D595F9

Sweetspot

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



D3A93F



FFF0C9



D33F6B



807660



000000



808080

Same Dimension

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



D3A93F



FFC229



B5D33F



69665E



A87900



291D00

Inverse Universe

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



3F69D3



2966FF



5D3FD3



5E6169



0030A8



000C29

Previews

White Background



This preview shows how the Hex color D3A93F looks on a white background.

Color Contrast Check

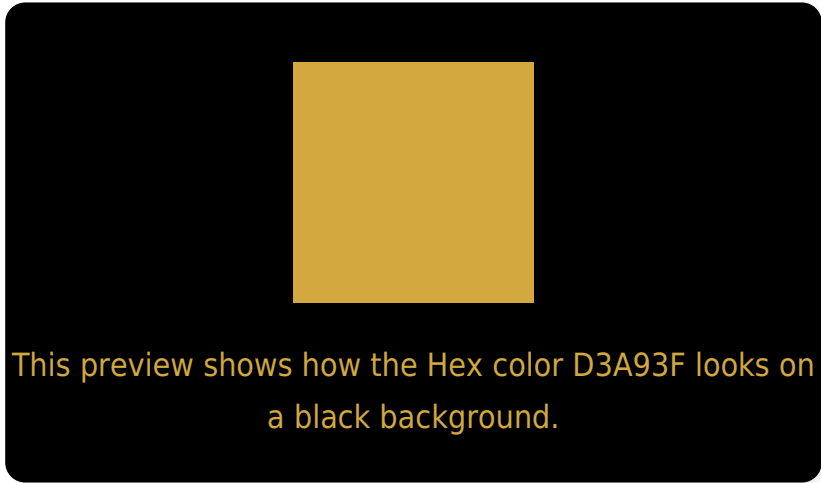
Large Text (above 18pt) WCAG AA × Fail

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 D3A93F Background



This preview shows how black text looks on a background with the Hex color D3A93F.



This preview shows how white text looks on a background with the Hex color D3A93F.

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
D3A93F

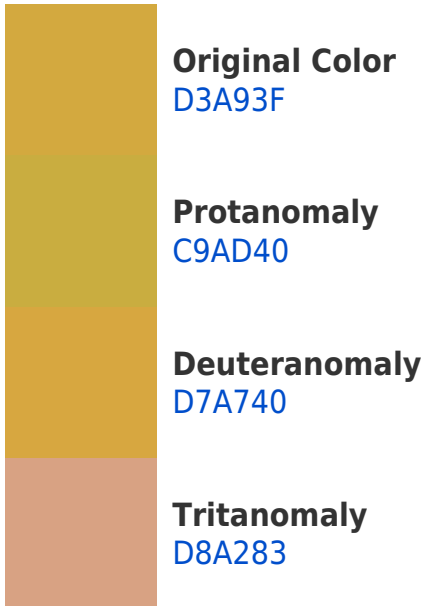
Protanopia
C3AF41

Deuteranopia
DAA640

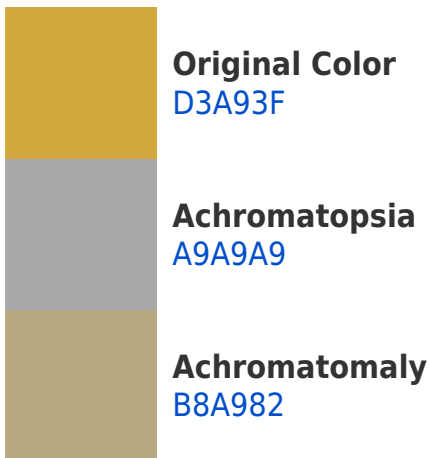


Tritanopia
DB9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3A93F 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 #D3A93F looks like.

```
.text, #text, p{  
    color:#D3A93F  
}
```

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 #D3A93F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3A93F
}
```

Border

The CSS property to change the border of an element to Hex D3A93F 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
#D3A93F }
```

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

```
.border{ border-color:#D3A93F }
```

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

Here you see how a box with a 4 pixel #D3A93F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3A93F; -webkit-box-shadow:4px 4px  
4px 4px #D3A93F; box-shadow:4px 4px 4px  
4px #D3A93F }
```

Background

The CSS property to change the background color of an element to Hex D3A93F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3A93F }
```

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

```
.background{ background-color:#D3A93F }
```

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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