

Converting Colors

Hex(D1A83F)

Have a look what the booklet for
Hex(D1A83F) contains.

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Color

Hex(D1A83F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D1A83F |
| RGB | 209, 168, 63 |
| RGB Percent | 82%, 66%, 25% |
| CMY | 0.1804, 0.3412, 0.7529 |
| CMYK | 0.00, 0.20, 0.70, 0.18 |
| HSL | 43°, 61%, 53% |
| HSV | 43°, 70%, 82% |
| XYZ | 41.1943, 41.9195, 10.6227 |
| YIQ | 168.2890, 58.1410, -23.9630 |

Conversions

Conversions Part 2

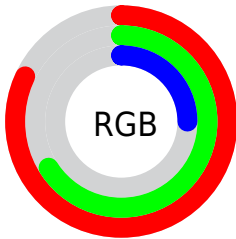
| Format | Color |
|-------------------------------------|--|
| RYB | 120, 209, 63 |
| Decimal | 13740095 |
| CIELab | 70.82, 4.18, 57.61 |
| CIElCh | 71, 57.763, 85.847 |
| Yxy | 41.9195, 0.4395, 0.4472 |
| Android (android.graphics.Color) | 4291930175 (0xFFD1A83F) |
| YUV | 168.2890, -51.9075, 35.7035 |
| Hunter-Lab | 64.7452, 0.2669, 35.5940 |

Details

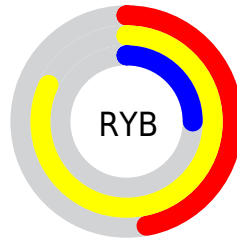
The Hex color **D1A83F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3F68D1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDF74**, and **977400** is the 20% darker color. If you saturate the color by 10%, you get **D1A22A**, and if you desaturate by 10%, it is **D1AE54**.

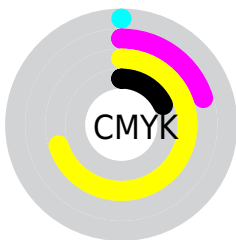
Distribution



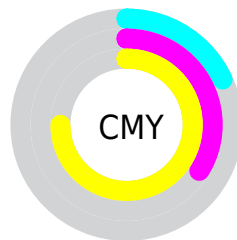
- Red (82%)
- Green (66%)
- Blue (25%)



- Red (47%)
- Yellow (82%)
- Blue (25%)



- Cyan (0%)
- Magenta (20%)
- Yellow (70%)
- Black (18%)



- Cyan (18%)
- Magenta (34%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1A83F 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 D1A83F by changing the saturation by 10% instead.

 D1A83F

 D1A83F

FFFFFF

 B48E23

 FFDF74

 977400

 FFFB8F

 7A5C00

 FFFFAB

 5F4500

 FFFF00

 442F00

 FFFF00

 2A1A00

 0F0000

 000000

 D1A83F

 D1A83F

 D1A22A

 D1AE54

 D19C15

 D1B469

 D19600

 D1BA7E

 D1BF93

 D1C5A8

 D1CBBC

 D1D1D1

 D1D7E6

 D1DDFB

Harmonies

Analogous

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



F89457



D1A83F



9EB849

Triad

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



D1A83F



00C7DA



E78DE9

Complementary

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



D1A83F



3F68D1

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.



A4A2FF



D1A83F



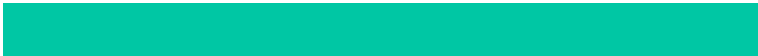
00C1FF

Square

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



D1A83F



00C7A4



00B5FF



FF7FB7

Rectangle

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



D1A83F



74BF61



00B5FF



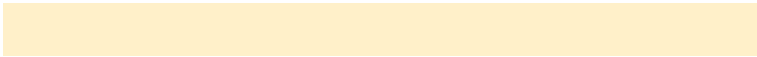
D494F7

Sweetspot

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



D1A83F



FFF0C9



D13F68



807760



000000



808080

Same Dimension

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



D1A83F



FFC329



B1D13F



69665E



A87900



291D00

Inverse Universe

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



3F68D1



2965FF



5F3FD1



5E6169



002FA8



000B29

Previews

White Background



This preview shows how the Hex color D1A83F looks on a white background.

Color Contrast Check

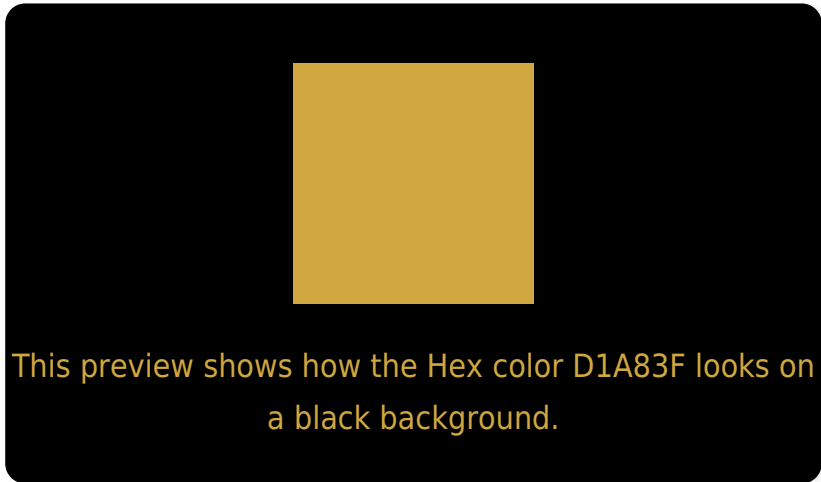
Large Text (above 18pt) WCAG AA × Fail

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 D1A83F Background



This preview shows how black text looks on a background with the Hex color D1A83F.

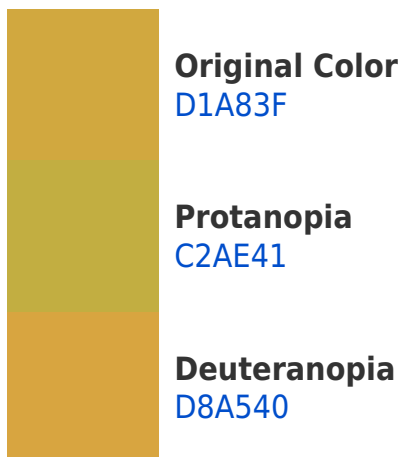


This preview shows how white text looks on a background with the Hex color D1A83F.

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](#).

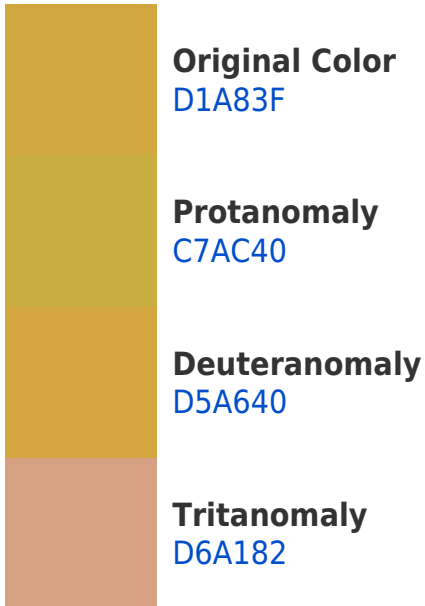
Dichromacy



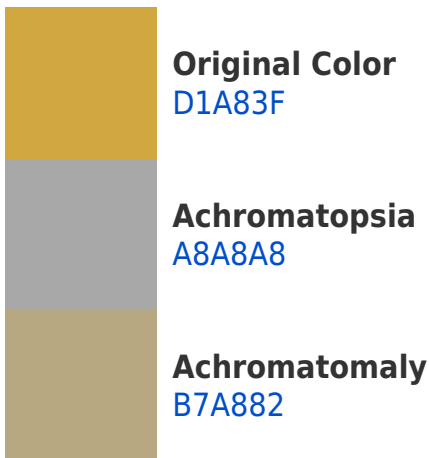


Tritanopia
D99DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1A83F 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 #D1A83F looks like.

```
.text, #text, p{  
    color:#D1A83F  
}
```

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 #D1A83F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1A83F
}
```

Border

The CSS property to change the border of an element to Hex D1A83F 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
#D1A83F }
```

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

```
.border{ border-color:#D1A83F }
```

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

Here you see how a box with a 4 pixel #D1A83F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1A83F; -webkit-box-shadow:4px 4px  
4px 4px #D1A83F; box-shadow:4px 4px 4px  
4px #D1A83F }
```

Background

The CSS property to change the background color of an element to Hex D1A83F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1A83F }
```

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

```
.background{ background-color:#D1A83F }
```

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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