

Converting Colors

Hex(DD903C)

Have a look what the booklet for
Hex(DD903C) contains.

Hex(DD903C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DD903C)

Conversions

Conversions Part 1

Format	Color
Hex	DD903C
RGB	221, 144, 60
RGB Percent	87%, 56%, 24%
CMY	0.1333, 0.4353, 0.7647
CMYK	0.00, 0.35, 0.73, 0.13
HSL	31°, 70%, 55%
HSV	31°, 73%, 87%
XYZ	40.6077, 35.6449, 9.0149
YIQ	157.4470, 72.8560, -9.8000

Conversions

Conversions Part 2

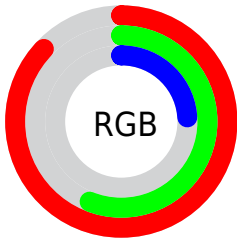
Format	Color
RYB	208, 221, 60
Decimal	14520380
CIELab	66.25, 22.07, 54.64
CIElCh	66, 58.925, 68.008
Yxy	35.6449, 0.4762, 0.4180
Android (android.graphics.Color)	4292710460 (0xFFDD903C)
YUV	157.4470, -48.0414, 55.7360
Hunter-Lab	59.7034, 16.9272, 32.8399

Details

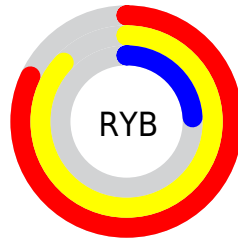
The Hex color **DD903C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3C89DD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFC670**, and **A15D00** is the 20% darker color. If you saturate the color by 10%, you get **DD8526**, and if you desaturate by 10%, it is **DD9B52**.

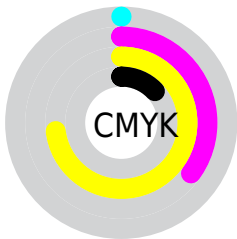
Distribution



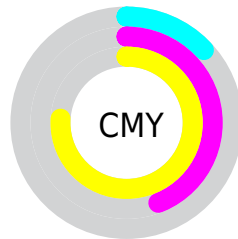
- Red (87%)
- Green (56%)
- Blue (24%)



- Red (82%)
- Yellow (87%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (73%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD903C 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 DD903C by changing the saturation by 10% instead.

 DD903C

 DD903C

FFFFFF

 BF7622

 FFC670

 A15D00

 FFE28A

 844500

 FFFFA6

 672F00

 FFFFC1

 4B1900

 FFFFDE

 300300

 FFFFFB

 0F0000

 000000

 DD903C

 DD903C

 DD8526

 DD9B52

 DD7B10

 DDA568

 DD7300

 DDB07E

 DDBA94

 DDC5AB

 DDCFC1

 DDDAD7

 DDE5ED

 DDEFFF

Harmonies

Analogous

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



FB7C63



DD903C



B0A32F

Triad

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



DD903C



00BBAE



B68DF5

Complementary

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



DD903C



3C89DD

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.



52A2FF



DD903C



00B9E1

Square

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



DD903C



00B877



00B1FF



EC78CA

Rectangle

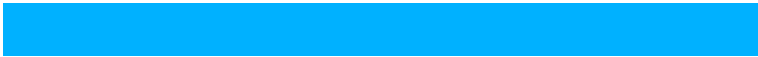
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DD903C



8CAD3D



00B1FF



9C95FF

Sweetspot

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



DD903C



FFE4C7



DD3C8A



80705E



000000



808080

Same Dimension

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



DD903C



FF9521



DADD3C



6E6863



AD5A00



2E1800

Inverse Universe

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



3C89DD



218BFF



3F3CDD



63686E



0053AD



00162E

Previews

White Background



This preview shows how the Hex color DD903C looks on a white background.

Color Contrast Check

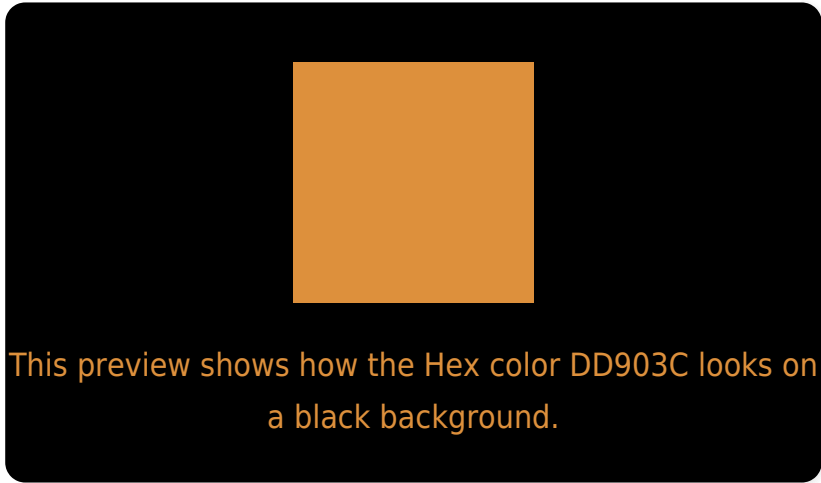
Large Text (above 18pt) WCAG AA × Fail

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 DD903C Background



This preview shows how black text looks on a background with the Hex color DD903C.



This preview shows how white text looks on a background with the Hex color DD903C.

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
DD903C

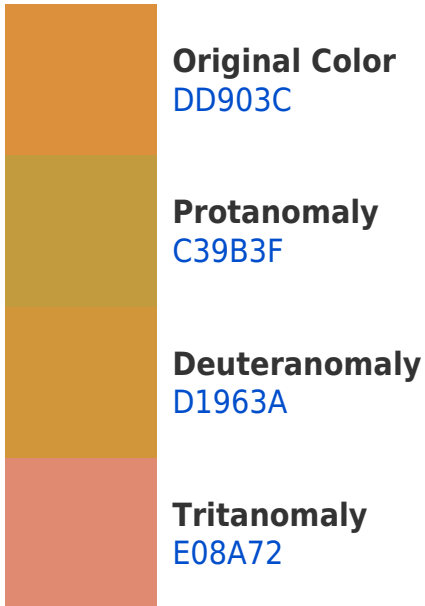
Protanopia
B4A241

Deuteranopia
CA9939



Tritanopia
E28791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD903C 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 #DD903C looks like.

```
.text, #text, p{  
    color:#DD903C  
}
```

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 #DD903C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD903C  
}
```

Border

The CSS property to change the border of an element to Hex DD903C 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  
#DD903C }
```

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

```
.border{ border-color:#DD903C }
```

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

Here you see how a box with a 4 pixel #DD903C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD903C; -webkit-box-shadow:4px 4px  
4px 4px #DD903C; box-shadow:4px 4px 4px  
4px #DD903C }
```

Background

The CSS property to change the background color of an element to Hex DD903C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD903C }
```

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

```
.background{ background-color:#DD903C }
```

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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