

Converting Colors

Hex(DC963D)

Have a look what the booklet for
Hex(DC963D) contains.

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Color

Hex(DC963D)

Conversions

Conversions Part 1

Format	Color
Hex	DC963D
RGB	220, 150, 61
RGB Percent	86%, 59%, 24%
CMY	0.1373, 0.4118, 0.7608
CMYK	0.00, 0.32, 0.72, 0.14
HSL	34°, 69%, 55%
HSV	34°, 72%, 86%
XYZ	41.2639, 37.3653, 9.4523
YIQ	160.7840, 70.2890, -12.8390

Conversions

Conversions Part 2

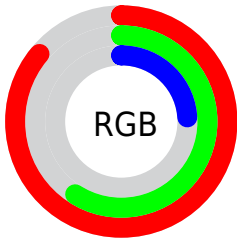
Format	Color
RYB	186, 220, 61
Decimal	14456381
CIELab	67.55, 18.47, 55.50
CIELCh	68, 58.488, 71.592
Yxy	37.3653, 0.4685, 0.4242
Android (android.graphics.Color)	4292646461 (0xFFDC963D)
YUV	160.7840, -49.1935, 51.9324
Hunter-Lab	61.1271, 13.5239, 33.6208

Details

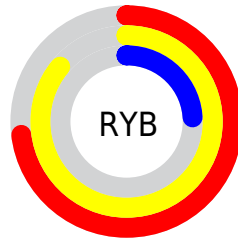
The Hex color **DC963D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3D83DC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCC71**, and **A06300** is the 20% darker color. If you saturate the color by 10%, you get **DC8C27**, and if you desaturate by 10%, it is **DCA053**.

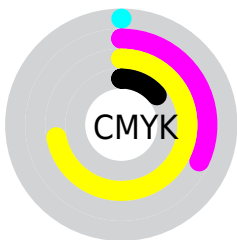
Distribution



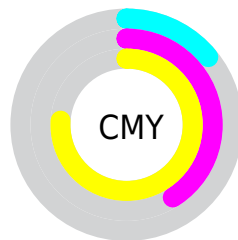
- Red (86%)
- Green (59%)
- Blue (24%)



- Red (73%)
- Yellow (86%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (72%)
- Black (14%)



- Cyan (14%)
- Magenta (41%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC963D 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 DC963D by changing the saturation by 10% instead.

 DC963D

 DC963D

FFFFFF

 BE7C22

 FFCC71

 A06300

 FFE88C

 834B00

 FFFFA7

 673400

 FFFFC3

 4B1F00

 FFFFDF

 300A00

FFFFFFD

 120000

 000000

 DC963D

 DC963D

 DC8C27

 DCA053

 DC8311

 DCA969

 DC7B00

 DCB37F

 DCBD95

 DCC6AB

 DCD0C1

 DCDAD7

 DCE3ED

 DCEDFF

Harmonies

Analogous

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



FC8261



DC963D



AEA835

Triad

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



DC963D



00BEB8



C28EF4

Complementary

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



DC963D



3D83DC

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.



68A3FF



DC963D



00BCE9

Square

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



DC963D



00BC81



00B3FF



F47AC7

Rectangle

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



DC963D



89B145



00B3FF



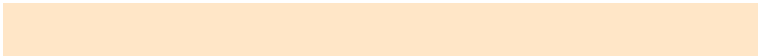
AA95FF

Sweetspot

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



DC963D



FFE6C7



DC3D85



80715E



000000



808080

Same Dimension

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



DC963D



FF9D21



D4DC3D



6E6963



AD6100



2E1A00

Inverse Universe

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



3D83DC



2183FF



453DDC



63686E



004CAD



00142E

Previews

White Background



This preview shows how the Hex color DC963D looks on a white background.

Color Contrast Check

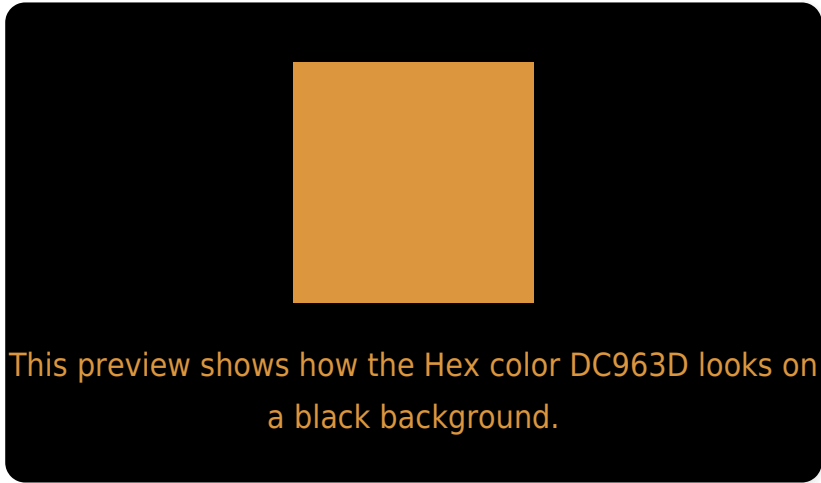
Large Text (above 18pt) WCAG AA × Fail

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

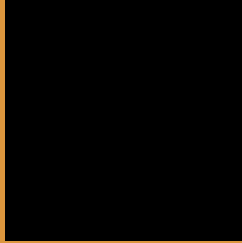
Any Text WCAG AA ✓ Pass

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 DC963D Background



This preview shows how black text looks on a background with the Hex color DC963D.



This preview shows how white text looks on a background with the Hex color DC963D.

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
DC963D

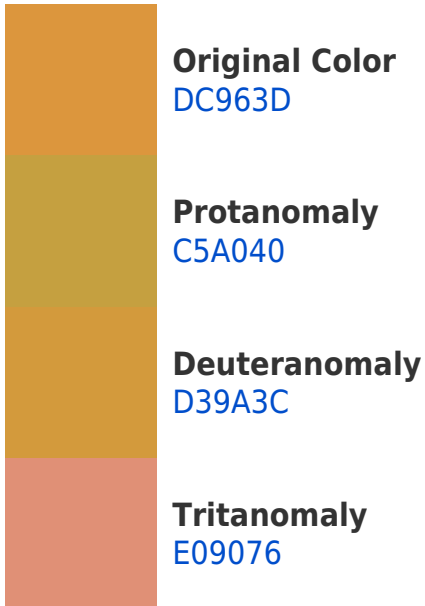
Protanopia
B8A541

Deuteranopia
CE9D3B



Tritanopia
E28D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC963D 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 #DC963D looks like.

```
.text, #text, p{  
    color:#DC963D  
}
```

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 #DC963D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC963D
}
```

Border

The CSS property to change the border of an element to Hex DC963D 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
#DC963D }
```

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

```
.border{ border-color:#DC963D }
```

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

Here you see how a box with a 4 pixel #DC963D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC963D; -webkit-box-shadow:4px 4px  
4px 4px #DC963D; box-shadow:4px 4px 4px  
4px #DC963D }
```

Background

The CSS property to change the background color of an element to Hex DC963D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC963D }
```

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

```
.background{ background-color:#DC963D }
```

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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