

# Converting Colors

Hex(DA6A4D)

Have a look what the booklet for  
Hex(DA6A4D) contains.

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# Color

**Hex(DA6A4D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA6A4D
RGB	218, 106, 77
RGB Percent	85%, 42%, 30%
CMY	0.1451, 0.5843, 0.6980
CMYK	0.00, 0.51, 0.65, 0.15
HSL	12°, 66%, 58%
HSV	12°, 65%, 85%
XYZ	35.4070, 25.7493, 10.1251
YIQ	136.1820, 76.0610, 14.7250

# Conversions

## Conversions Part 2

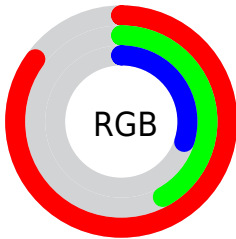
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 114, 77
Decimal	14314061
CIE Lab	57.80, 41.67, 36.63
CIE LCh	58, 55.480, 41.316
Yxy	25.7493, 0.4967, 0.3612
Android (android.graphics.Color)	4292504141 (0xFFDA6A4D)
YUV	136.1820, -29.1767, 71.7544
Hunter-Lab	50.7438, 35.7487, 23.6902

# Details

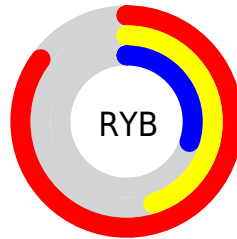
The Hex color **DA6A4D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4DBDDA**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFA07F**, and **9D361F** is the 20% darker color. If you saturate the color by 10%, you get **DA5937**, and if you desaturate by 10%, it is **DA7B63**.

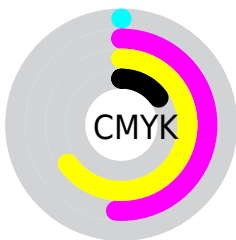
# Distribution



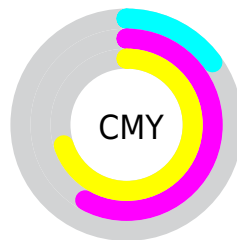
- Red (85%)
- Green (42%)
- Blue (30%)



- Red (85%)
- Yellow (45%)
- Blue (30%)



- Cyan (0%)
- Magenta (51%)
- Yellow (65%)
- Black (15%)



- Cyan (15%)
- Magenta (58%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA6A4D 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 DA6A4D by changing the saturation by 10% instead.



 DA6A4D

 DA6A4D

FFFFFF

 BB5036

 FFA07F

 9D361F

 FFBB99

 801B08

 FFD8B4

 630000

 FFF4D0

 460000

 FFFFEC

 2C0001

 000000

 DA6A4D

 DA6A4D

 DA5937

 DA7B63

 DA4721

 DA8D79

 DA360C

 DA9E8E

 DA2D00

 DAAFA4

 DAC1BA

 DAD2D0

 DAE3E6

 DAF5FB

 DAFFFF

# Harmonies

## Analogous

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



E35E7A



DA6A4D



BD7D2A

# Triad

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



DA6A4D



00A06A



4D8AEA

# Complementary

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



DA6A4D



4DBDDA

# 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.



0099E6



DA6A4D



00A29C

# Square

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



DA6A4D



5E9A3D



00A0CA



A576D4

# Rectangle

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



DA6A4D



A28920



00A0CA



0090EC

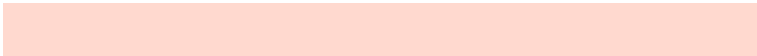


# Sweetspot

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



DA6A4D



FFD9CF



DA4DBE



806862



000000



808080



# Same Dimension

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



DA6A4D



FF6138



DAB04D



6E6563



AD2400



2E0900



# Inverse Universe

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



4DBDDA



38D6FF



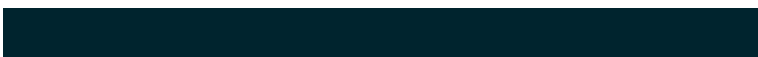
4D77DA



636B6E



008AAD

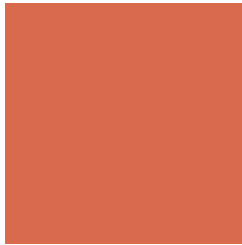


00242E



# Previews

## White Background



This preview shows how the Hex color DA6A4D looks on a white background.

## Color Contrast Check

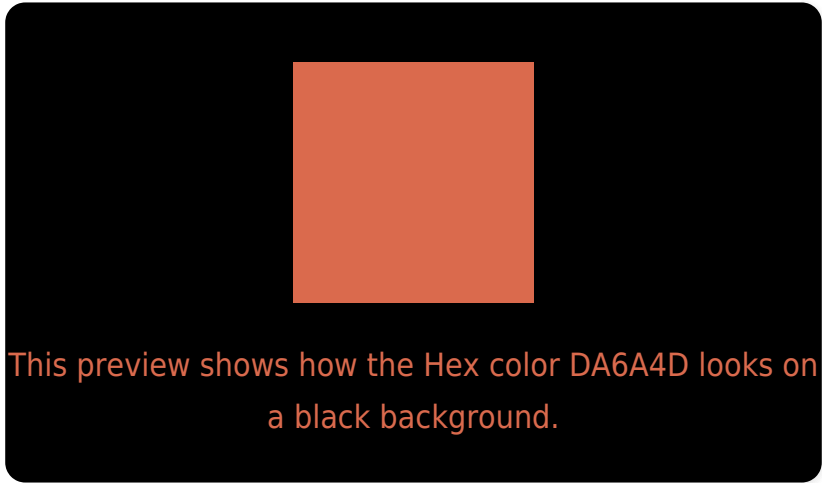
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DA6A4D Background



This preview shows how black text looks on a background with the Hex color DA6A4D.

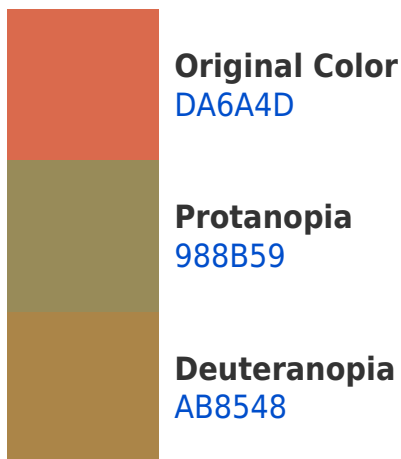


This preview shows how white text looks on a background with the Hex color DA6A4D.

# 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





# Trichromacy



**Original Color**  
DA6A4D

**Protanomaly**  
B07F55

**Deuteranomaly**  
BC7B4A

**Tritanomaly**  
DB6761

# Monochromacy



**Original Color**  
DA6A4D

**Achromatopsia**  
888888

**Achromatomaly**  
A67D73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA6A4D 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 #DA6A4D looks like.

```
.text, #text, p{  
    color:#DA6A4D  
}
```

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 #DA6A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA6A4D
}
```

## Border

The CSS property to change the border of an element to Hex DA6A4D 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
#DA6A4D }
```

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

```
.border{ border-color:#DA6A4D }
```

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

Here you see how a box with a 4 pixel #DA6A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA6A4D; -webkit-box-shadow:4px 4px  
4px 4px #DA6A4D; box-shadow:4px 4px 4px  
4px #DA6A4D }
```

# Background

The CSS property to change the background color of an element to Hex DA6A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA6A4D }
```

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

```
.background{ background-color:#DA6A4D }
```

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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