

Converting Colors

Hex(DA7046)

Have a look what the booklet for
Hex(DA7046) contains.

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Color

Hex(DA7046)

Conversions

Conversions Part 1

Format	Color
Hex	DA7046
RGB	218, 112, 70
RGB Percent	85%, 44%, 27%
CMY	0.1451, 0.5608, 0.7255
CMYK	0.00, 0.49, 0.68, 0.15
HSL	17°, 67%, 56%
HSV	17°, 68%, 85%
XYZ	35.8131, 26.9360, 9.1060
YIQ	138.9060, 76.6580, 9.4100

Conversions

Conversions Part 2

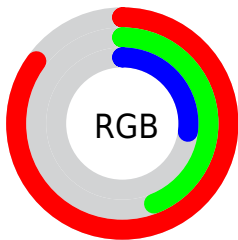
Format	Color
RYB	218, 129, 70
Decimal	14315590
CIELab	58.92, 38.23, 41.70
CIElCh	59, 56.572, 47.490
Yxy	26.9360, 0.4984, 0.3749
Android (android.graphics.Color)	4292505670 (0xFFDA7046)
YUV	138.9060, -33.9707, 69.3654
Hunter-Lab	51.8999, 32.3478, 25.9273

Details

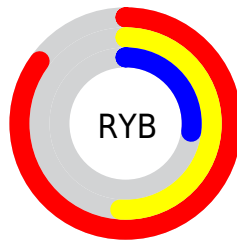
The Hex color **DA7046** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **46B0DA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA578**, and **9D3D17** is the 20% darker color. If you saturate the color by 10%, you get **DA6030**, and if you desaturate by 10%, it is **DA805C**.

Distribution



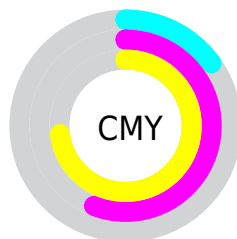
- Red (85%)
- Green (44%)
- Blue (27%)



- Red (85%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (68%)
- Black (15%)



- Cyan (15%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA7046 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 DA7046 by changing the saturation by 10% instead.

 DA7046

 DA7046

FFFFFF

 BB562E

 FFA578

 9D3D17

 FFC192

 802400

 FFDDAD

 630500

 FFFAC8

 460000

 FFFFE5

 2D0002

 000000

 DA7046

 DA7046

 DA6030

 DA805C

■ DA511A

■ DA8F72

■ DA4105

■ DA9F87

■ DA3E00

■ DAAE9D

■ DABEB3

■ DACEC9

■ DADDDF

■ DAEDF4

■ DAFDF4

Harmonies

Analogous

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



E86173



DA7046



B98426

Triad

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



DA7046



00A477



6789ED

Complementary

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



DA7046



46B0DA

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.



0099EF



DA7046



00A6AA

Square

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



DA7046



519F47



00A2D6



B574D1

Rectangle

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



DA7046



9C8F20



00A2D6



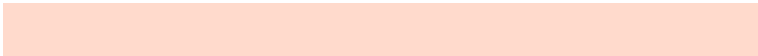
3A8FF0

Sweetspot

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



DA7046



FFDACC



DA46B0



806A61



000000



808080

Same Dimension

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



DA7046



FF6B30



DABA46



6E6663



AD3100



2E0D00

Inverse Universe

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



46B0DA



30C4FF



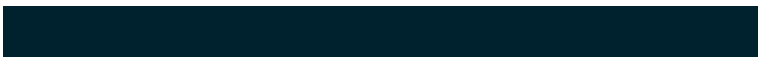
4666DA



636B6E



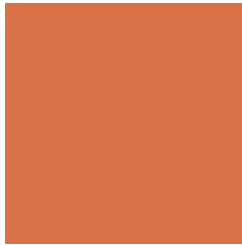
007CAD



00212E

Previews

White Background



This preview shows how the Hex color DA7046 looks on a white background.

Color Contrast Check

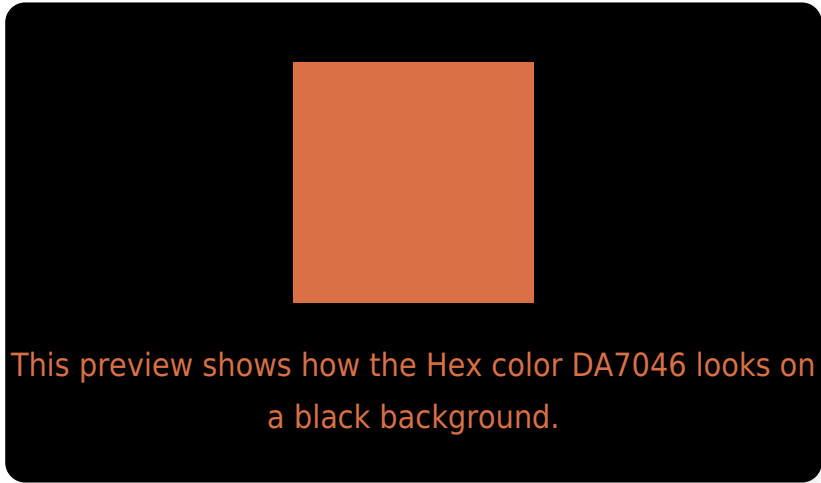
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA7046 Background



This preview shows how black text looks on a background with the Hex color DA7046.



This preview shows how white text looks on a background with the Hex color DA7046.

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
DA7046

Protanopia
9C8E50

Deuteranopia
B08741

Trichromacy



Original Color
DA7046



Protanomaly
B3834C



Deuteranomaly
BF7F43



Tritanomaly
DB6D62

Monochromacy



Original Color
DA7046



Achromatopsia
8B8B8B



Achromatomaly
A88172

CSS Examples

Text

The CSS property to change the color of the text to Hex DA7046 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 #DA7046 looks like.

```
.text, #text, p{  
    color:#DA7046  
}
```

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 #DA7046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA7046
}
```

Border

The CSS property to change the border of an element to Hex DA7046 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
#DA7046 }
```

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

```
.border{ border-color:#DA7046 }
```

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

Here you see how a box with a 4 pixel #DA7046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA7046; -webkit-box-shadow:4px 4px  
4px 4px #DA7046; box-shadow:4px 4px 4px  
4px #DA7046 }
```

Background

The CSS property to change the background color of an element to Hex DA7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA7046 }
```

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

```
.background{ background-color:#DA7046 }
```

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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