

Converting Colors

Hex(D67E42)

Have a look what the booklet for
Hex(D67E42) contains.

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Color

Hex(D67E42)

Conversions

Conversions Part 1

Format	Color
Hex	D67E42
RGB	214, 126, 66
RGB Percent	84%, 49%, 26%
CMY	0.1608, 0.5059, 0.7412
CMYK	0.00, 0.41, 0.69, 0.16
HSL	24°, 64%, 55%
HSV	24°, 69%, 84%
XYZ	36.1758, 29.6112, 8.9631
YIQ	145.4720, 71.7080, -0.0040

Conversions

Conversions Part 2

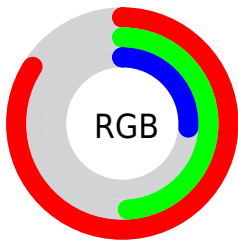
Format	Color
RYB	214, 167, 66
Decimal	14057026
CIELab	61.32, 29.09, 46.30
CIElCh	61, 54.682, 57.864
Yxy	29.6112, 0.4840, 0.3961
Android (android.graphics.Color)	4292247106 (0xFFD67E42)
YUV	145.4720, -39.1797, 60.0991
Hunter-Lab	54.4162, 23.4382, 28.3254

Details

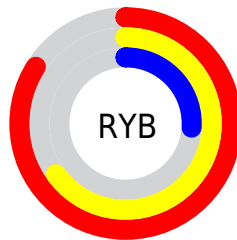
The Hex color **D67E42** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **429AD6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFB374**, and **9A4C10** is the 20% darker color. If you saturate the color by 10%, you get **D6712D**, and if you desaturate by 10%, it is **D68B57**.

Distribution



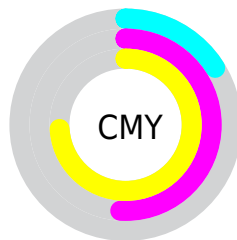
- Red (84%)
- Green (49%)
- Blue (26%)



- Red (84%)
- Yellow (65%)
- Blue (26%)



- Cyan (0%)
- Magenta (41%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (51%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D67E42 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 D67E42 by changing the saturation by 10% instead.

 D67E42

 D67E42

FFFFFF

 B8652A

 FFB374

 9A4C10

 FFCF8F

 7D3400

 FFECAA

 601D00

 FFFFC5

 440400

 FFFF E2

 2C0001

FFFFFFE

 000000

 D67E42

 D67E42

 D6712D

 D68B57

 D66517

 D6976D

 D65802

 D6A482

 D65700

 D6B198

 D6BEAD

 D6CAC2

 D6D7D8

 D6E4ED

 D6F1FF

Harmonies

Analogous

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



EB6D6A



D67E42



B1902C

Triad

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



D67E42



00AB8F



8F89EA

Complementary

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



D67E42



429AD6

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.



009AF5



D67E42



00ABC0

Square

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



D67E42



3FA75E



00A6E5



CC75C8

Rectangle

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



D67E42



929A31



00A6E5



728FF0

Sweetspot

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



D67E42



FFDFC9



D6429B



806D60



000000



808080

Same Dimension

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



D67E42



FF812B



D6C742



6B6560



AB4500



2B1200

Inverse Universe

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



429AD6



2BA9FF



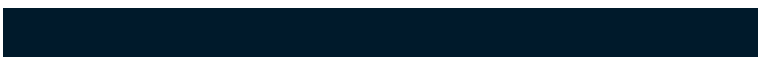
4251D6



60676B



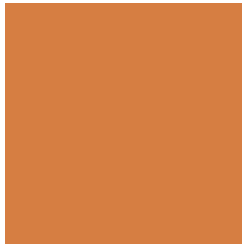
0066AB



001A2B

Previews

White Background



This preview shows how the Hex color D67E42 looks on a white background.

Color Contrast Check

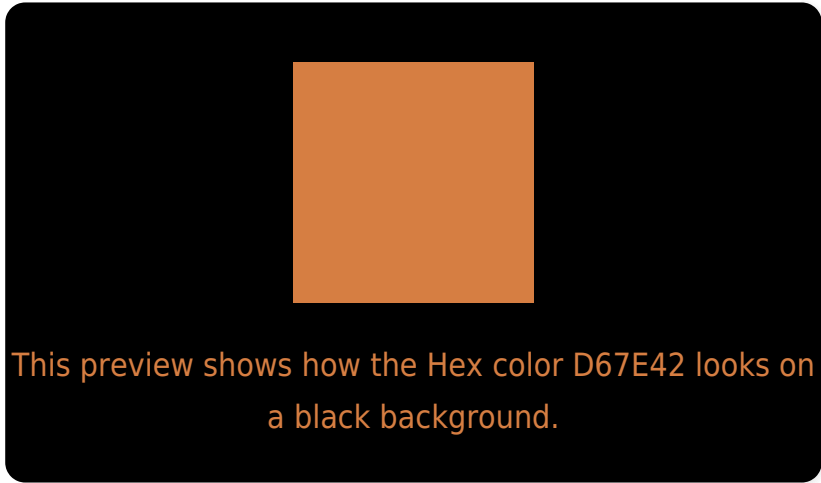
Large Text (above 18pt) WCAG AA ✓ Pass

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

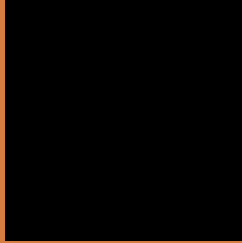
Any Text WCAG AA ✓ Pass

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 D67E42 Background



This preview shows how black text looks on a background with the Hex color D67E42.



This preview shows how white text looks on a background with the Hex color D67E42.

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
D67E42

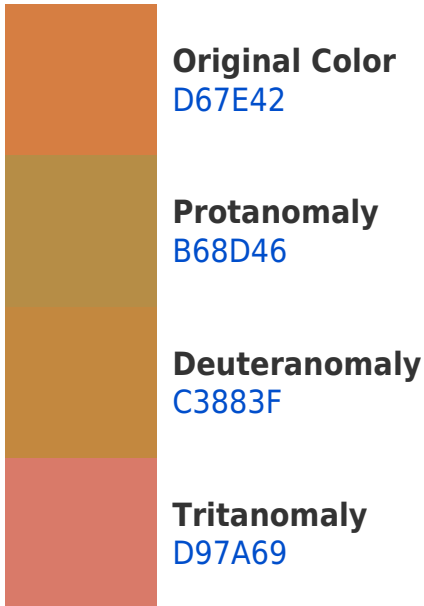
Protanopia
A49549

Deuteranopia
B88D3E

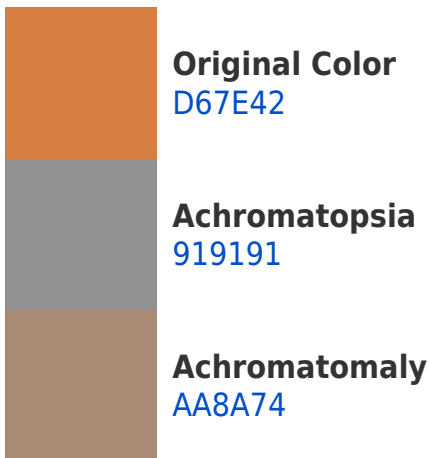


Tritanopia
DA7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D67E42 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 #D67E42 looks like.

```
.text, #text, p{  
    color:#D67E42  
}
```

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 #D67E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D67E42
}
```

Border

The CSS property to change the border of an element to Hex D67E42 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
#D67E42 }
```

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

```
.border{ border-color:#D67E42 }
```

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

Here you see how a box with a 4 pixel #D67E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D67E42; -webkit-box-shadow:4px 4px  
4px 4px #D67E42; box-shadow:4px 4px 4px  
4px #D67E42 }
```

Background

The CSS property to change the background color of an element to Hex D67E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D67E42 }
```

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

```
.background{ background-color:#D67E42 }
```

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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