

Converting Colors

Hex(D67E28)

Have a look what the booklet for
Hex(D67E28) contains.

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Color

Hex(D67E28)

Conversions

Conversions Part 1

Format	Color
Hex	D67E28
RGB	214, 126, 40
RGB Percent	84%, 49%, 16%
CMY	0.1608, 0.5059, 0.8431
CMYK	0.00, 0.41, 0.81, 0.16
HSL	30°, 69%, 50%
HSV	30°, 81%, 84%
XYZ	35.5754, 29.3711, 5.8016
YIQ	142.5080, 80.0540, -8.0900

Conversions

Conversions Part 2

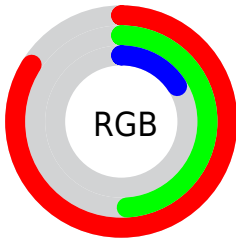
Format	Color
R _Y B	214, 210, 40
Decimal	14057000
CIE Lab	61.11, 27.97, 57.69
CIE LCh	61, 64.110, 64.129
Yxy	29.3711, 0.5028, 0.4151
Android (android.graphics.Color)	4292247080 (0xFFD67E28)
YUV	142.5080, -50.5364, 62.6985
Hunter-Lab	54.1951, 22.3319, 31.5895

Details

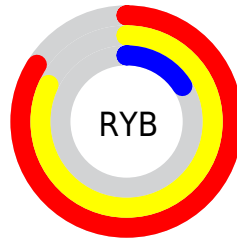
The Hex color **D67E28** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2880D6**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB35C**, and **994C00** is the 20% darker color. If you saturate the color by 10%, you get **D67313**, and if you desaturate by 10%, it is **D6893D**.

Distribution



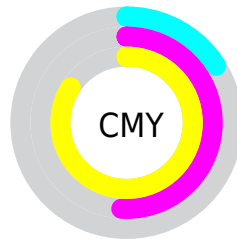
- Red (84%)
- Green (49%)
- Blue (16%)



- Red (84%)
- Yellow (82%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D67E28 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 D67E28 by changing the saturation by 10% instead.

 D67E28

 D67E28

FFFFFF

 B76507

 FFB35C

 994C00

 FFCF77

 7C3400

 FFE892

 5F1D00

 FFFFAD

 420500

 FFFFC9

 2B0001

 FFFFEE

 000000

 D67E28

 D67E28

 D67313

 D6893D

 D66A00

 D69453

 D69E68

 D6A97E

 D6B493

 D6BFA8

 D6CABE

 D6D5D3

 D6DFE9

Harmonies

Analogous

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



F36757



D67E28



A89307

Triad

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



D67E28



00AE9A



9E81F2

Complementary

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



D67E28



2880D6

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.



0098FF



D67E28



00ADD2

Square

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



D67E28



00AB5F



00A6F9



DE68C6

Rectangle

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



D67E28



839E1C



00A6F9



7E89FC

Sweetspot

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



D67E28



FFE0C2



D62882



806D5B



000000



808080

Same Dimension

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



D67E28



FF8105



D6D328



6B6660



AB5400



2B1500

Inverse Universe

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



2880D6



0583FF



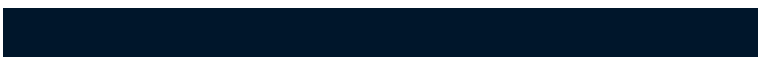
282BD6



60666B



0056AB



00162B

Previews

White Background



This preview shows how the Hex color D67E28 looks on a white background.

Color Contrast Check

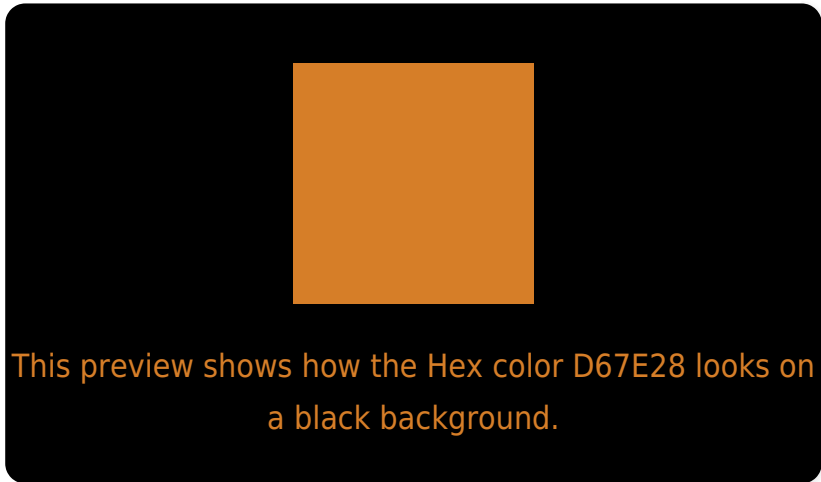
Large Text (above 18pt) WCAG AA ✓ Pass

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 D67E28 Background



This preview shows how black text looks on a background with the Hex color D67E28.



This preview shows how white text looks on a background with the Hex color D67E28.

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
D67E28

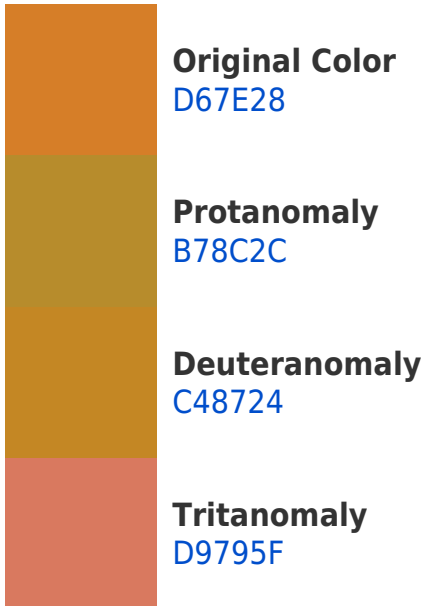
Protanopia
A6942E

Deuteranopia
BA8C22

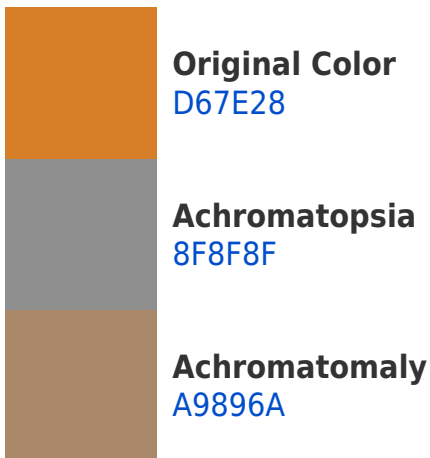


Tritanopia
DA767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D67E28 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 #D67E28 looks like.

```
.text, #text, p{  
    color:#D67E28  
}
```

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 #D67E28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D67E28
}
```

Border

The CSS property to change the border of an element to Hex D67E28 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
#D67E28 }
```

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

```
.border{ border-color:#D67E28 }
```

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

Here you see how a box with a 4 pixel #D67E28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D67E28; -webkit-box-shadow:4px 4px  
4px 4px #D67E28; box-shadow:4px 4px 4px  
4px #D67E28 }
```

Background

The CSS property to change the background color of an element to Hex D67E28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D67E28 }
```

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

```
.background{ background-color:#D67E28 }
```

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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