

Converting Colors

Hex(D67628)

Have a look what the booklet for
Hex(D67628) contains.

Hex(D67628)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D67628)

Conversions

Conversions Part 1

Format	Color
Hex	D67628
RGB	214, 118, 40
RGB Percent	84%, 46%, 16%
CMY	0.1608, 0.5373, 0.8431
CMYK	0.00, 0.45, 0.81, 0.16
HSL	27°, 69%, 50%
HSV	27°, 81%, 84%
XYZ	34.5930, 27.4062, 5.4742
YIQ	137.8120, 82.2540, -3.9060

Conversions

Conversions Part 2

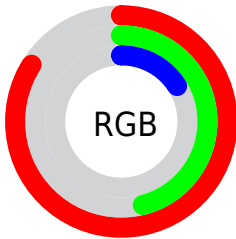
Format	Color
RYB	214, 181, 40
Decimal	14054952
CIELab	59.35, 32.21, 56.10
CIELCh	59, 64.685, 60.136
Yxy	27.4062, 0.5127, 0.4062
Android (android.graphics.Color)	4292245032 (0xFFD67628)
YUV	137.8120, -48.2213, 66.8169
Hunter-Lab	52.3509, 26.3369, 30.4459

Details

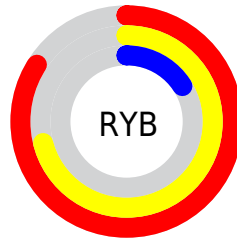
The Hex color **D67628** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2888D6**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFAB5C**, and **994400** is the 20% darker color. If you saturate the color by 10%, you get **D66A13**, and if you desaturate by 10%, it is **D6823D**.

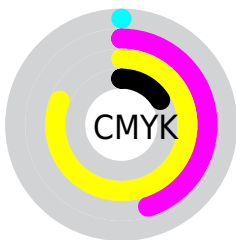
Distribution



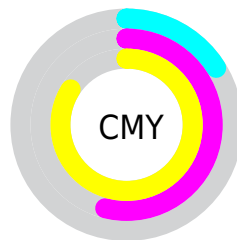
- Red (84%)
- Green (46%)
- Blue (16%)



- Red (84%)
- Yellow (71%)
- Blue (16%)



- Cyan (0%)
- Magenta (45%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D67628 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 D67628 by changing the saturation by 10% instead.

 D67628

 D67628

FFFFFF

 B75D09

 FFAB5C

 994400

 FFC776

 7B2C00

 FFE390

 5E1400

 FFFFAC

 420000

 FFFFC8

 2A0001

 FFFFE4

 000000

 D67628

 D67628

 D66A13

 D6823D

 D66000

 D68E53

 D69968

 D6A57E

 D6B193

 D6BDA8

 D6C9BE

 D6D4D3

 D6E0E9

Harmonies

Analogous

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



F15E59



D67628



AA8C00

Triad

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



D67628



00A98D



8D80F2

Complementary

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



D67628



2888D6

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.



0096FF



D67628



00A9C7

Square

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



D67628



00A553



00A3F1



D365C8

Rectangle

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



D67628



86980B



00A3F1



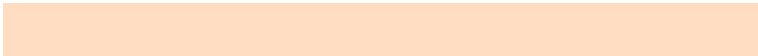
6888FA

Sweetspot

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



D67628



FFDDC2



D6288B



806B5B



000000



808080

Same Dimension

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



D67628



FF7505



D6CA28



6B6560



AB4D00



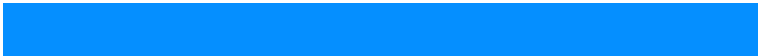
2B1300

Inverse Universe

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



2888D6



058FFF



2834D6



60666B



005EAB



00182B

Previews

White Background



This preview shows how the Hex color D67628 looks on a white background.

Color Contrast Check

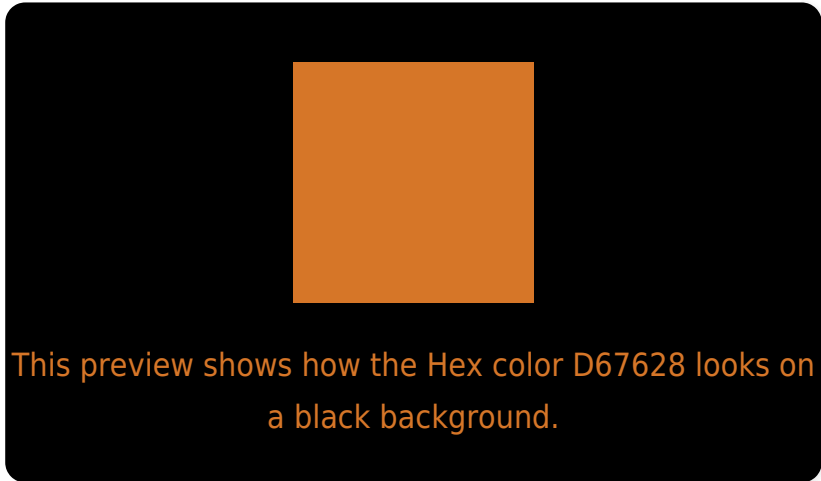
Large Text (above 18pt) WCAG AA ✓ Pass

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 D67628 Background



This preview shows how black text looks on a background with the Hex color D67628.



This preview shows how white text looks on a background with the Hex color D67628.

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
D67628

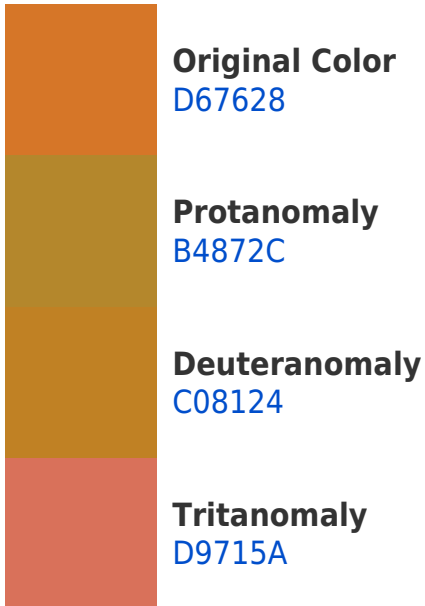
Protanopia
A1902F

Deuteranopia
B48821

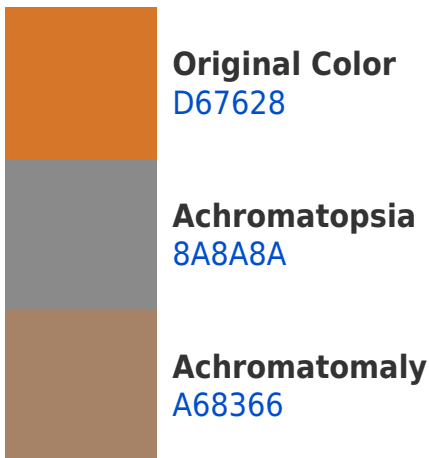


Tritanopia
DA6E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D67628 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 #D67628 looks like.

```
.text, #text, p{  
    color:#D67628  
}
```

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 #D67628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D67628
}
```

Border

The CSS property to change the border of an element to Hex D67628 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
#D67628 }
```

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

```
.border{ border-color:#D67628 }
```

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

Here you see how a box with a 4 pixel #D67628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D67628; -webkit-box-shadow:4px 4px  
4px 4px #D67628; box-shadow:4px 4px 4px  
4px #D67628 }
```

Background

The CSS property to change the background color of an element to Hex D67628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D67628 }
```

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

```
.background{ background-color:#D67628 }
```

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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