

# Converting Colors

Hex(D67424)

Have a look what the booklet for  
Hex(D67424) contains.

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**Color**

**Hex(D67424)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D67424
RGB	214, 116, 36
RGB Percent	84%, 45%, 14%
CMY	0.1608, 0.5451, 0.8588
CMYK	0.00, 0.46, 0.83, 0.16
HSL	27°, 71%, 49%
HSV	27°, 83%, 84%
XYZ	34.2954, 26.9143, 5.0565
YIQ	136.1820, 84.0880, -4.1040

# Conversions

## Conversions Part 2

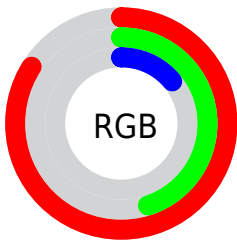
Format	Color
R <sub>Y</sub> B	214, 181, 36
Decimal	14054436
CIE Lab	58.89, 33.14, 57.24
CIE LCh	59, 66.141, 59.932
Yxy	26.9143, 0.5175, 0.4062
Android (android.graphics.Color)	4292244516 (0xFFD67424)
YUV	136.1820, -49.3897, 68.2464
Hunter-Lab	51.8790, 27.2119, 30.5365

# Details

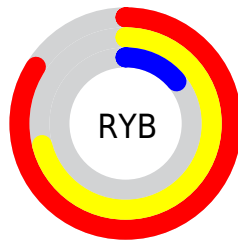
The Hex color **D67424** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2486D6**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA958**, and **994200** is the 20% darker color. If you saturate the color by 10%, you get **D6680F**, and if you desaturate by 10%, it is **D68039**.

# Distribution



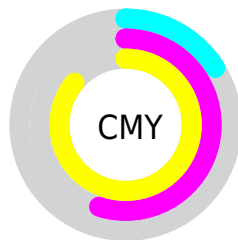
- Red (84%)
- Green (45%)
- Blue (14%)



- Red (84%)
- Yellow (71%)
- Blue (14%)



- Cyan (0%)
- Magenta (46%)
- Yellow (83%)
- Black (16%)



- Cyan (16%)
- Magenta (55%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D67424 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 D67424 by changing the saturation by 10% instead.



 D67424

 D67424

FFFFFF

 B75B02

 FFA958

 994200

 FFC572

 7B2A00

 FFE18D

 5D1100

 FFFEA8

 410000

 FFFFC4

 290001

 FFFFEE

 000000

FFFFFFE

 D67424

 D67424

 D6680F

 D68039

 D66000

 D68C4F

 D69764

 D6A37A

 D6AF8F

 D6BBA4

 D6C6BA

 D6D2CF

 D6DEE5

# Harmonies

## Analogous

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



F15B57



D67424



A98B00

# Triad

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



D67424



00A88C



8B7EF3

# Complementary

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



D67424



2486D6

# 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.



0095FF



D67424



00A8C6

# Square

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



D67424



00A450



00A2F2



D363C9

# Rectangle

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



D67424



859600



00A2F2



6487FC

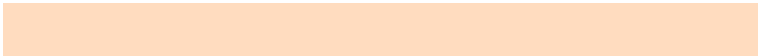


# Sweetspot

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



D67424



FFDCBF



D62489



806A59



000000



808080



# Same Dimension

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



D67424



FF7300



D6CA24



6B6560



AB4D00



2B1300

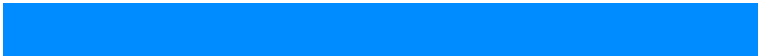


# Inverse Universe

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



2486D6



008CFF



2430D6



60666B



005EAB



00182B



# Previews

## White Background



This preview shows how the Hex color D67424 looks on a white background.

## Color Contrast Check

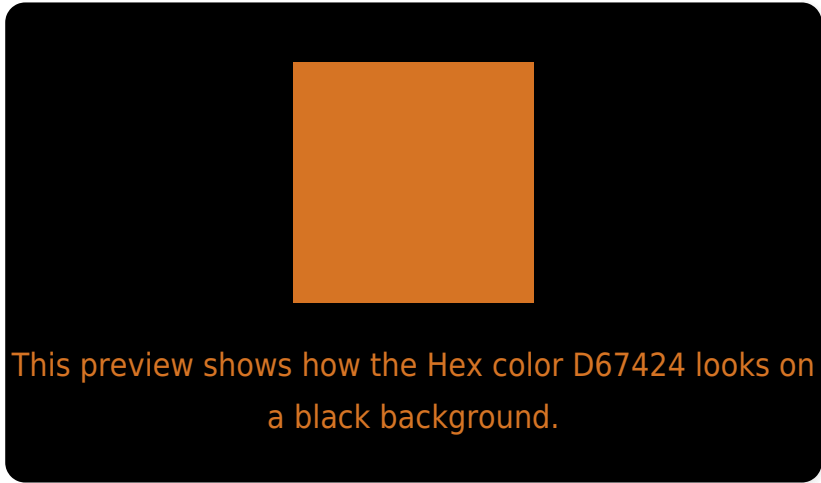
Large Text (above 18pt) WCAG AA ✓ Pass

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 D67424 Background



This preview shows how black text looks on a background with the Hex color D67424.



This preview shows how white text looks on a background with the Hex color D67424.

# 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**  
D67424

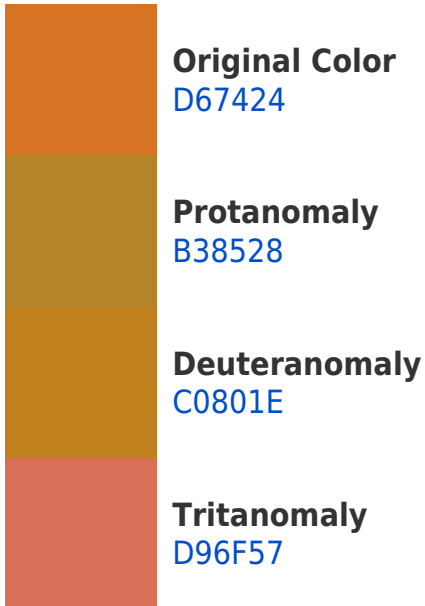
**Protanopia**  
9F8F2B

**Deuteranopia**  
B3871B

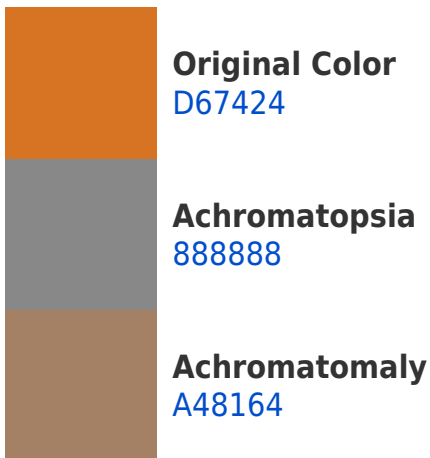


**Tritanopia**  
DA6C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D67424 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 #D67424 looks like.

```
.text, #text, p{  
    color:#D67424  
}
```

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 #D67424 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D67424
}
```

## Border

The CSS property to change the border of an element to Hex D67424 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
#D67424 }
```

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

```
.border{ border-color:#D67424 }
```

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

Here you see how a box with a 4 pixel #D67424 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D67424; -webkit-box-shadow:4px 4px  
4px 4px #D67424; box-shadow:4px 4px 4px  
4px #D67424 }
```

# Background

The CSS property to change the background color of an element to Hex D67424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D67424 }
```

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

```
.background{ background-color:#D67424 }
```

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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