

# Converting Colors

Hex(DE6427)

Have a look what the booklet for  
Hex(DE6427) contains.

<b>Hex(DE6427)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(DE6427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE6427
RGB	222, 100, 39
RGB Percent	87%, 39%, 15%
CMY	0.1294, 0.6078, 0.8471
CMYK	0.00, 0.55, 0.82, 0.13
HSL	20°, 73%, 51%
HSV	20°, 82%, 87%
XYZ	35.0476, 24.7904, 4.8573
YIQ	129.5240, 92.2930, 6.8930

# Conversions

## Conversions Part 2

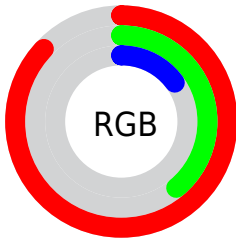
Format	Color
R <sub>Y</sub> B	222, 131, 39
Decimal	14574631
CIE Lab	56.87, 44.45, 54.71
CIE LCh	57, 70.487, 50.908
Yxy	24.7904, 0.5417, 0.3832
Android (android.graphics.Color)	4292764711 (0xFFDE6427)
YUV	129.5240, -44.6283, 81.1015
Hunter-Lab	49.7900, 38.5152, 29.0689

# Details

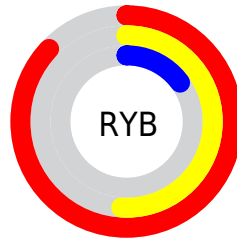
The Hex color **DE6427** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **27A1DE**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9A5A**, and **9F3000** is the 20% darker color. If you saturate the color by 10%, you get **DE5511**, and if you desaturate by 10%, it is **DE733D**.

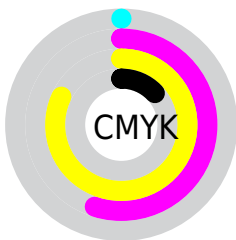
# Distribution



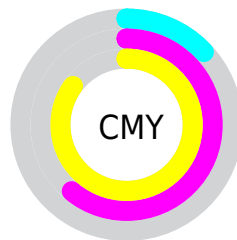
- Red (87%)
- Green (39%)
- Blue (15%)



- Red (87%)
- Yellow (51%)
- Blue (15%)



- Cyan (0%)
- Magenta (55%)
- Yellow (82%)
- Black (13%)



- Cyan (13%)
- Magenta (61%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE6427 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 DE6427 by changing the saturation by 10% instead.



 DE6427

 DE6427


FFFFFF

 BF4A0A

 FF9A5A

 9F3000

 FFB573

 811200

 FFD18E

 630000

 FFEEA9

 460000

 FFFFC5

 2B0001

 FFFFE1

 000000

FFFFFFE

 DE6427

 DE6427

 DE5511

 DE733D

 DE4A00

 DE8253

 DE906A

 DE9F80

 DEAE96

 DEBDAC

 DECCC2

 DEDAD9

 DEE9EF

# Harmonies

## Analogous

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



F44961



DE6427



B47F00

# Triad

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



DE6427



00A373



5B80FC

# Complementary

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



DE6427



27A1DE

# 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



DE6427



00A4B3

# Square

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



DE6427



1E9D34



00A0E7



BF62D7

# Rectangle

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



DE6427



908D00



00A0E7



0088FF



# Sweetspot

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



DE6427



FFD4BF



DE27A1



806659



000000



808080



# Same Dimension

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



DE6427



FF5703



DEC027



706965



B03B00



301000

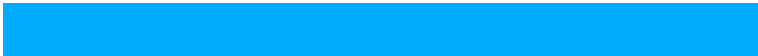


# Inverse Universe

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



27A1DE



03ABFF



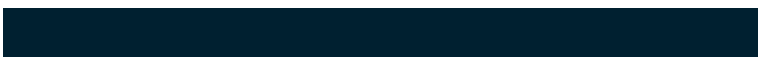
2746DE



656C70



0075B0



002030



# Previews

## White Background



This preview shows how the Hex color DE6427 looks on a white background.

## Color Contrast Check

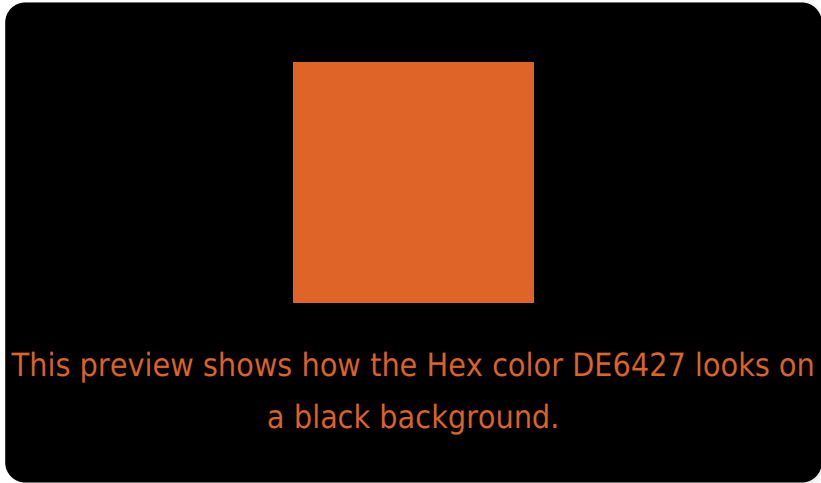
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE6427 Background



This preview shows how black text looks on a background with the Hex color DE6427.



This preview shows how white text looks on a background with the Hex color DE6427.

# 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**  
DE6427

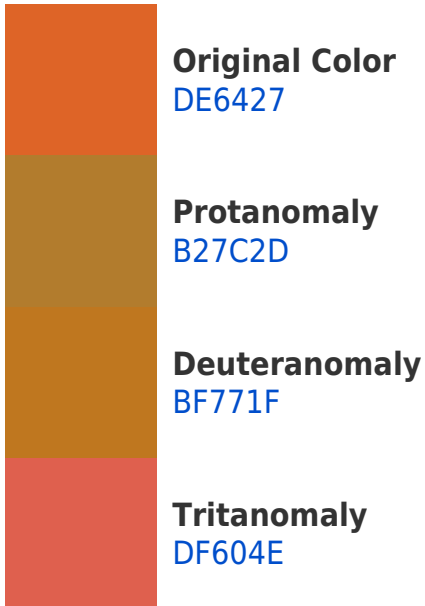
**Protanopia**  
998931

**Deuteranopia**  
AD821B



**Tritanopia**  
E05E64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE6427 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 #DE6427 looks like.

```
.text, #text, p{  
    color:#DE6427  
}
```

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 #DE6427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6427
}
```

## Border

The CSS property to change the border of an element to Hex DE6427 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
#DE6427 }
```

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

```
.border{ border-color:#DE6427 }
```

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

Here you see how a box with a 4 pixel #DE6427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6427; -webkit-box-shadow:4px 4px  
4px 4px #DE6427; box-shadow:4px 4px 4px  
4px #DE6427 }
```

# Background

The CSS property to change the background color of an element to Hex DE6427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6427 }
```

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

```
.background{ background-color:#DE6427 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor