

# Converting Colors

Hex(DE6148)

Have a look what the booklet for  
Hex(DE6148) contains.

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**Color**

**Hex(DE6148)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE6148
RGB	222, 97, 72
RGB Percent	87%, 38%, 28%
CMY	0.1294, 0.6196, 0.7176
CMYK	0.00, 0.56, 0.68, 0.13
HSL	10°, 69%, 58%
HSV	10°, 68%, 87%
XYZ	35.5686, 24.5469, 8.9942
YIQ	131.5250, 82.5250, 18.7250

# Conversions

## Conversions Part 2

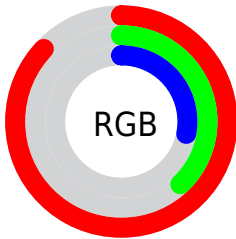
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 102, 72
Decimal	14573896
CIE <sub>Lab</sub>	56.63, 47.25, 38.12
CIE <sub>LCh</sub>	57, 60.710, 38.900
Yxy	24.5469, 0.5147, 0.3552
Android (android.graphics.Color)	4292763976 (0xFFDE6148)
YUV	131.5250, -29.3458, 79.3466
Hunter-Lab	49.5448, 41.4432, 23.9180

# Details

The Hex color **DE6148** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **48C5DE**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9779**, and **A12B1A** is the 20% darker color. If you saturate the color by 10%, you get **DE4F32**, and if you desaturate by 10%, it is **DE735E**.

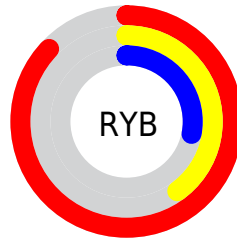
# Distribution



Red (87%)

Green (38%)

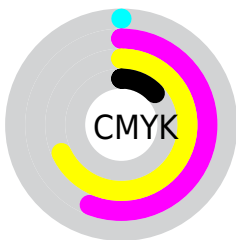
Blue (28%)



Red (87%)

Yellow (40%)

Blue (28%)

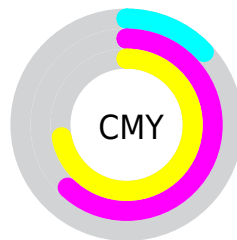


Cyan (0%)

Magenta (56%)

Yellow (68%)

Black (13%)



Cyan (13%)

Magenta (62%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE6148 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 DE6148 by changing the saturation by 10% instead.



 DE6148

 DE6148

FFFFFF

 BF4631

 FF9779

 A12B1A

 FFB393

 820803

 FFCFAE

 650000

 FFECCA

 470000

 FFFF66

 2D0001

 000000

 DE6148

 DE6148

 DE4F32

 DE735E

 DE3C1C

 DE8674

 DE2905

 DE998B

 DE2500

 DEABA1

 DEBEB7

 DED0CD

 DEE3E3

 DEF5FA

 DEFFFF

# Harmonies

## Analogous

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



E7537A



DE6148



C0771D

# Triad

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



DE6148



009E60



2489F1

# Complementary

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



DE6148



48C5DE

# 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.



0098EA



DE6148



00A197

# Square

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



DE6148



5A972E



009FC9



9E73DB

# Rectangle

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



DE6148



A48506



009FC9



008FF2



# Sweetspot

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



DE6148



FFD4CC



DE48C5



806661



000000



808080



# Same Dimension

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



DE6148



FF5330



DEAC48



706765



B01D00



300800

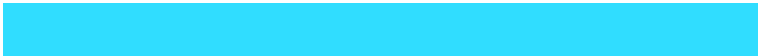


# Inverse Universe

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



48C5DE



30DDFF



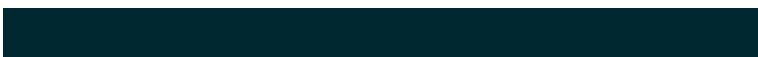
487ADE



656E70



0093B0

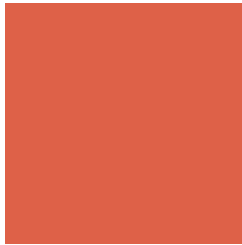


002830



# Previews

## White Background



This preview shows how the Hex color DE6148 looks on a white background.

## Color Contrast Check

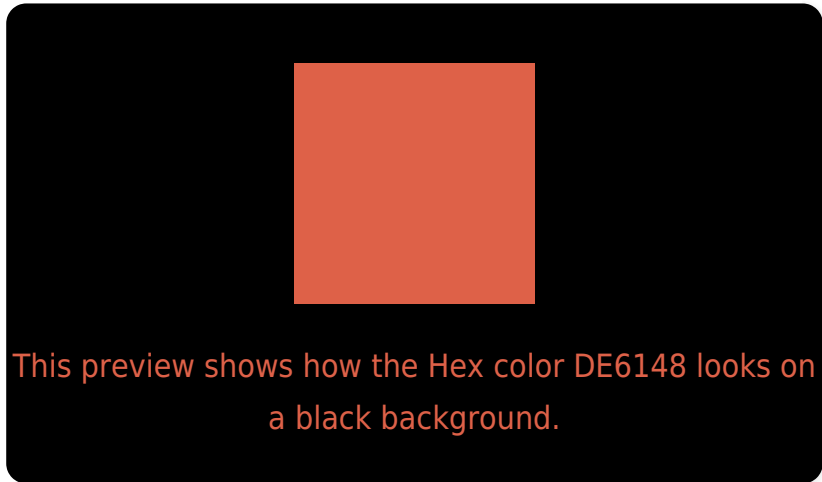
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE6148 Background



This preview shows how black text looks on a background with the Hex color DE6148.



This preview shows how white text looks on a background with the Hex color DE6148.

# 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**  
DE6148

**Protanopia**  
958856

**Deuteranopia**  
A88241



**Tritanopia**  
DF5D63

# Trichromacy



**Original Color**  
DE6148

**Protanomaly**  
B07A51

**Deuteranomaly**  
BC7644

**Tritanomaly**  
DF5E59

# Monochromacy



**Original Color**  
DE6148

**Achromatopsia**  
848484

**Achromatomaly**  
A5776E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE6148 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 #DE6148 looks like.

```
.text, #text, p{  
    color:#DE6148  
}
```

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 #DE6148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6148
}
```

## Border

The CSS property to change the border of an element to Hex DE6148 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
#DE6148 }
```

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

```
.border{ border-color:#DE6148 }
```

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

Here you see how a box with a 4 pixel #DE6148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6148; -webkit-box-shadow:4px 4px  
4px 4px #DE6148; box-shadow:4px 4px 4px  
4px #DE6148 }
```

# Background

The CSS property to change the background color of an element to Hex DE6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6148 }
```

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

```
.background{ background-color:#DE6148 }
```

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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