

# Converting Colors

Hex(DE6668)

Have a look what the booklet for  
Hex(DE6668) contains.

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# Color

**Hex(DE6668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE6668
RGB	222, 102, 104
RGB Percent	87%, 40%, 41%
CMY	0.1294, 0.6000, 0.5922
CMYK	0.00, 0.54, 0.53, 0.13
HSL	359°, 65%, 64%
HSV	359°, 54%, 87%
XYZ	37.3743, 26.0318, 16.1515
YIQ	138.1080, 70.8780, 26.0620

# Conversions

## Conversions Part 2

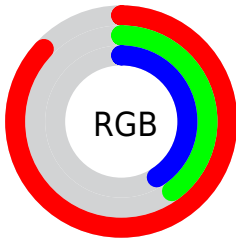
Format	Color
R <sub>Y</sub> B	222, 102, 104
Decimal	14575208
CIE Lab	58.07, 47.05, 21.83
CIE LCh	58, 51.871, 24.888
Yxy	26.0318, 0.4698, 0.3272
Android (android.graphics.Color)	4292765288 (0xFFDE6668)
YUV	138.1080, -16.8152, 73.5733
Hunter-Lab	51.0214, 41.4677, 16.9459

# Details

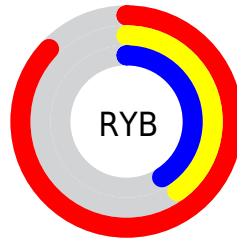
The Hex color **DE6668** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66DEDC**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9C9B**, and **A23039** is the 20% darker color. If you saturate the color by 10%, you get **DE5052**, and if you desaturate by 10%, it is **DE7C7E**.

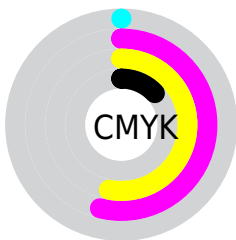
# Distribution



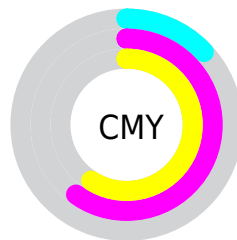
- Red (87%)
- Green (40%)
- Blue (41%)



- Red (87%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (54%)
- Yellow (53%)
- Black (13%)



- Cyan (13%)
- Magenta (60%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE6668 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 DE6668 by changing the saturation by 10% instead.



 DE6668

 DE6668

FFFFFF

 C04B50

 FF9C9B

 A23039

 FFB8B6

 851124

 FFD5D2

 68000F

 FFF2EE

 4B0000

 310002

 000000

 DE6668

 DE6668

 DE5052

 DE7C7E

 DE3A3C

 DE9294

 DE2327

 DEA9A9

 DE0D11

 DEBFBF

 DE0004

 DED5D5

 DEEBEB

 DEFFFF

# Harmonies

## Analogous

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



DA6395



DE6668



CC7542

# Triad

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



DE6668



459D55



0093E6

# Complementary

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



DE6668



66DEDC

# 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.



009DD5



DE6668



00A182

# Square

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



DE6668



7F9433



00A1B0



8083DE

# Rectangle

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



DE6668



B78130



00A1B0



0097E3



# Sweetspot

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



DE6668



FFD6D7



DC66DE



806768



000000



808080



# Same Dimension

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



DE6668



FF595C



DEA066



706565



B00003



300001



# Inverse Universe

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



DE6668



FF595C



66A4DE



706565



B00003



300001



# Previews

## White Background



This preview shows how the Hex color DE6668 looks on a white background.

## Color Contrast Check

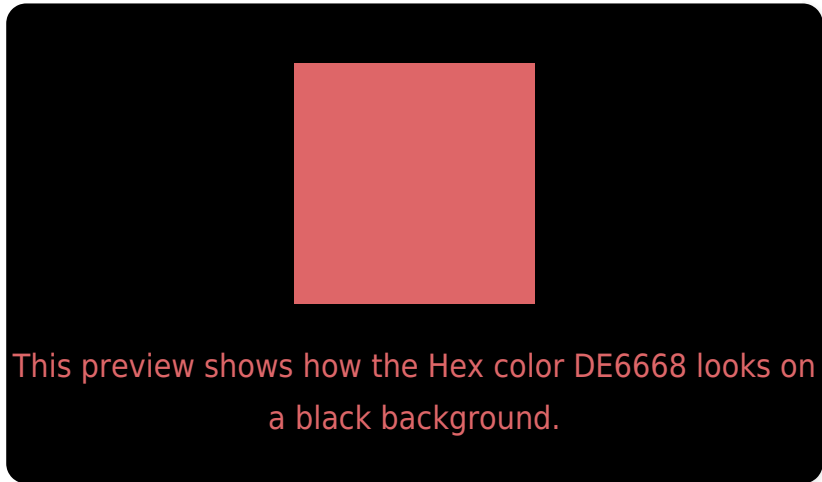
Large Text (above 18pt) WCAG AA ✓ Pass

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

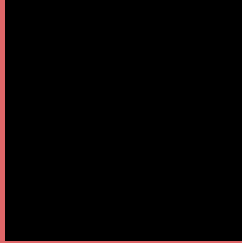
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DE6668 Background



This preview shows how black text looks on a background with the Hex color DE6668.




This preview shows how white text looks on a background with the Hex color DE6668.

# 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





**Tritanopia**  
DE656C

# Trichromacy



**Original Color**  
DE6668

**Protanomaly**  
AE7E73

**Deuteranomaly**  
BB7A65

**Tritanomaly**  
DE656B

# Monochromacy



**Original Color**  
DE6668

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
A97D7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE6668 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 #DE6668 looks like.

```
.text, #text, p{  
    color:#DE6668  
}
```

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 #DE6668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6668  
}
```

## Border

The CSS property to change the border of an element to Hex DE6668 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  
#DE6668 }
```

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

```
.border{ border-color:#DE6668 }
```

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

Here you see how a box with a 4 pixel #DE6668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6668; -webkit-box-shadow:4px 4px  
4px 4px #DE6668; box-shadow:4px 4px 4px  
4px #DE6668 }
```

# Background

The CSS property to change the background color of an element to Hex DE6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6668 }
```

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

```
.background{ background-color:#DE6668 }
```

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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