

Converting Colors

Hex(DE3756)

Have a look what the booklet for
Hex(DE3756) contains.

Hex(DE3756)	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(DE3756)

Conversions

Conversions Part 1

Format	Color
Hex	DE3756
RGB	222, 55, 86
RGB Percent	87%, 22%, 34%
CMY	0.1294, 0.7843, 0.6627
CMYK	0.00, 0.75, 0.61, 0.13
HSL	349°, 72%, 54%
HSV	349°, 75%, 87%
XYZ	33.1701, 18.9339, 10.7104
YIQ	108.4670, 89.5810, 45.0450

Conversions

Conversions Part 2

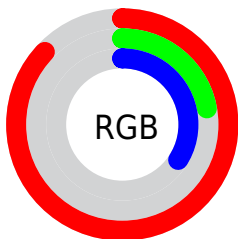
Format	Color
RYB	222, 55, 86
Decimal	14563158
CIELab	50.61, 64.91, 22.52
CIELCh	51, 68.709, 19.134
Yxy	18.9339, 0.5281, 0.3014
Android (android.graphics.Color)	4292753238 (0xFFDE3756)
YUV	108.4670, -11.0762, 99.5684
Hunter-Lab	43.5131, 59.9231, 15.8653

Details

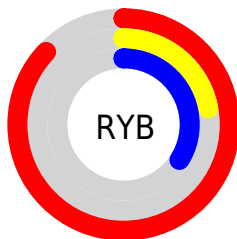
The Hex color **DE3756** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark muted red. A complement of this color would be **37DEBF**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7387**, and **A00029** is the 20% darker color. If you saturate the color by 10%, you get **DE2144**, and if you desaturate by 10%, it is **DE4D68**.

Distribution



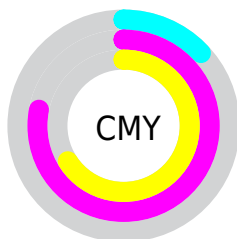
- Red (87%)
- Green (22%)
- Blue (34%)



- Red (87%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (75%)
- Yellow (61%)
- Black (13%)



- Cyan (13%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE3756 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 DE3756 by changing the saturation by 10% instead.

 DE3756

 DE3756

FFFFFF

 BF0B3F

 FF7387

 A00029

 FF90A2

 810016

 FFADBD

 630000

 FFCAD8

 460003

 FFE8F5

 260001

 000000

 DE3756

 DE3756

 DE2144

 DE4D68

 DE0B32

 DE637A

 DE0029

 DE7A8C

 DE909E

 DEA6B0

 DEBCC2

 DED2D5

 DEE9E7

 DEFFF9

Harmonies

Analogous

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



D53790



DE3756



CB531E

Triad

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



DE3756



128C22



0086EC

Complementary

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



DE3756



37DEBF

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.



008FD1



DE3756



009160

Square

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



DE3756



6E8100



00929D



3D72E8

Rectangle

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



DE3756



B26600



00929D



008AE6

Sweetspot

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



DE3756



FFC4CF



BD37DE



805C62



000000



808080

Same Dimension

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



DE3756



FF1944



DE6937



706567



B00021



300009

Inverse Universe

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



DE3756



FF1944



37ACDE



706567



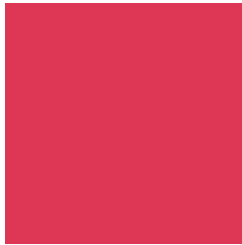
B00021



300009

Previews

White Background



This preview shows how the Hex color DE3756 looks on a white background.

Color Contrast Check

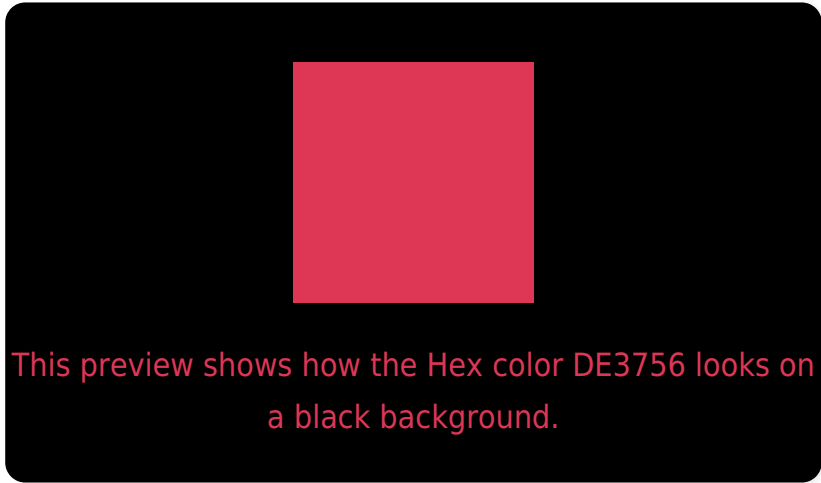
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE3756 Background



This preview shows how black text looks on a background with the Hex color DE3756.

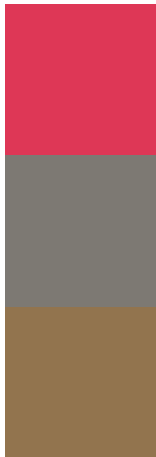


This preview shows how white text looks on a background with the Hex color DE3756.

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

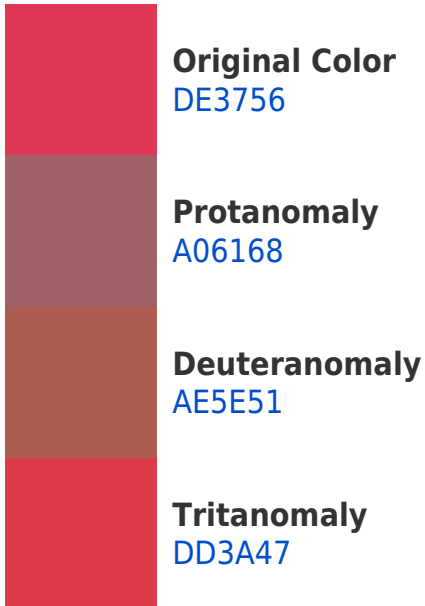


Original Color
DE3756

Protanopia
7D7973

Deuteranopia
92744E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE3756 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 #DE3756 looks like.

```
.text, #text, p{  
    color:#DE3756  
}
```

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 #DE3756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE3756
}
```

Border

The CSS property to change the border of an element to Hex DE3756 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
#DE3756 }
```

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

```
.border{ border-color:#DE3756 }
```

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

Here you see how a box with a 4 pixel #DE3756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE3756; -webkit-box-shadow:4px 4px  
4px 4px #DE3756; box-shadow:4px 4px 4px  
4px #DE3756 }
```

Background

The CSS property to change the background color of an element to Hex DE3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE3756 }
```

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

```
.background{ background-color:#DE3756 }
```

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