

# Converting Colors

Hex(DE545C)

Have a look what the booklet for  
Hex(DE545C) contains.

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# Color

Hex(DE545C)

# Conversions

## Conversions Part 1

Format	Color
Hex	DE545C
RGB	222, 84, 92
RGB Percent	87%, 33%, 36%
CMY	0.1294, 0.6706, 0.6392
CMYK	0.00, 0.62, 0.59, 0.13
HSL	357°, 68%, 60%
HSV	357°, 62%, 87%
XYZ	35.2263, 22.6429, 12.6391
YIQ	126.1740, 79.6800, 31.7440

# Conversions

## Conversions Part 2

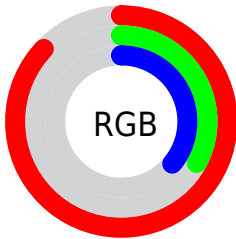
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 84, 92
Decimal	14570588
CIE <sub>Lab</sub>	54.70, 54.40, 24.34
CIE <sub>LCh</sub>	55, 59.597, 24.104
Yxy	22.6429, 0.4996, 0.3211
Android (android.graphics.Color)	4292760668 (0xFFDE545C)
YUV	126.1740, -16.8478, 84.0394
Hunter-Lab	47.5846, 48.8683, 17.5610

# Details

The Hex color **DE545C** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **54DED6**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8B8E**, and **A1162E** is the 20% darker color. If you saturate the color by 10%, you get **DE3E47**, and if you desaturate by 10%, it is **DE6A71**.

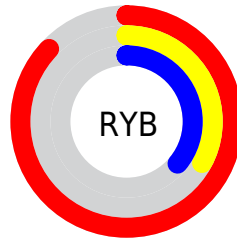
# Distribution



Red (87%)

Green (33%)

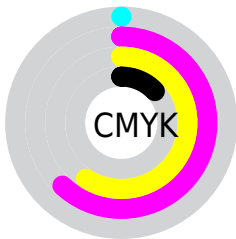
Blue (36%)



Red (87%)

Yellow (33%)

Blue (36%)

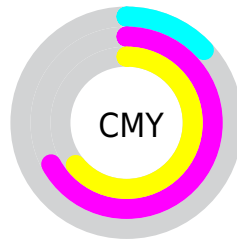


Cyan (0%)

Magenta (62%)

Yellow (59%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE545C 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 DE545C by changing the saturation by 10% instead.



 DE545C

 DE545C

FFFFFF

 BF3845

 FF8B8E

 A1162E

 FFA7A9

 83001A

 FFC4C4

 660000

 FFE1E0

 480001

 FFFEFC

 2C0001

 000000

 DE545C

 DE545C

 DE3E47

 DE6A71

 DE2832

 DE8086

 DE111D

 DE979B

 DE000D

 DEADB0

 DEC3C5

 DED9D9

 DEEFEE

 DEFFFF

# Harmonies

## Analogous

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



DA508F



DE545C



CA682E

# Triad

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



DE545C



2A9643



008CEA

# Complementary

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



DE545C



54DED6

# 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.



0097D6



DE545C



009A77

# Square

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



DE545C



748C15



009BAC



6F7AE2

# Rectangle

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



DE545C



B37613



009BAC



0090E6



# Sweetspot

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



DE545C



FFCFD1



D554DE



806264



000000



808080



# Same Dimension

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



DE545C



FF404B



DE9054



706566



B0000A



300003



# Inverse Universe

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



DE545C



FF404B



54A2DE



706566



B0000A



300003



# Previews

## White Background



This preview shows how the Hex color DE545C looks on a white background.

## Color Contrast Check

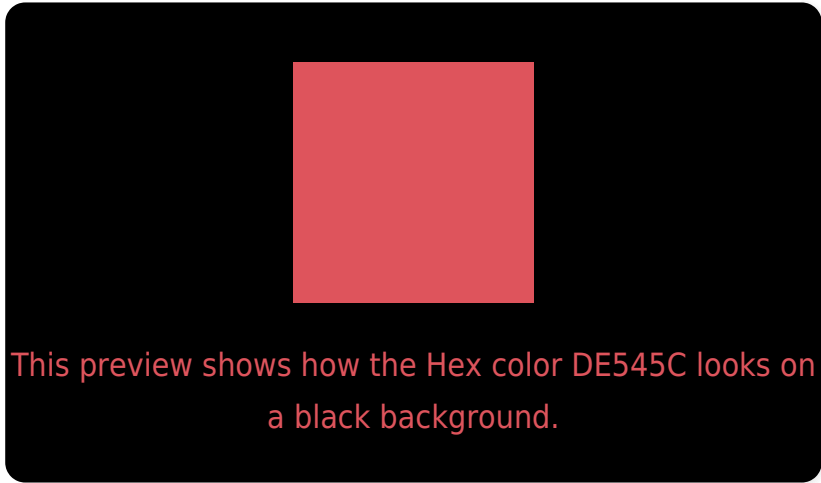
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE545C Background



This preview shows how black text looks on a background with the Hex color DE545C.



This preview shows how white text looks on a background with the Hex color DE545C.

# 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**  
DE545C

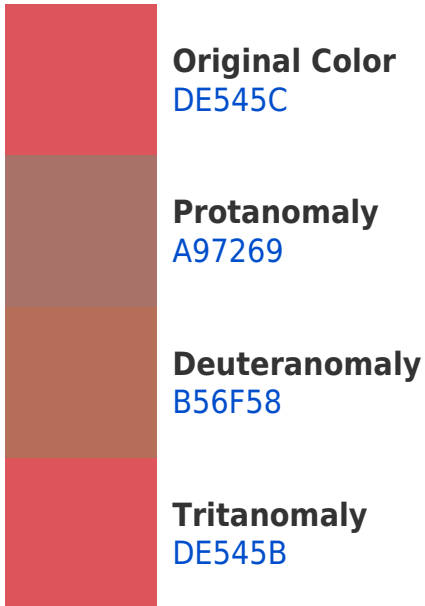
**Protanopia**  
8A8371

**Deuteranopia**  
9E7E55

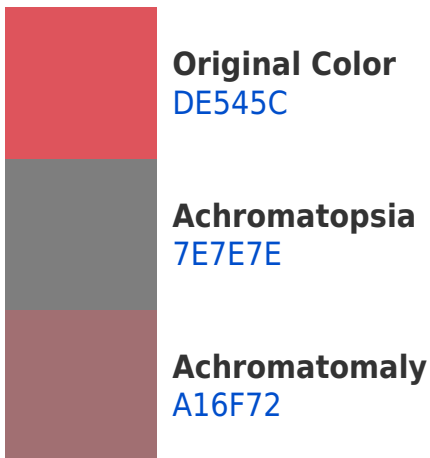


**Tritanopia**  
DE545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE545C 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 #DE545C looks like.

```
.text, #text, p{  
    color:#DE545C  
}
```

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 #DE545C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE545C
}
```

## Border

The CSS property to change the border of an element to Hex DE545C 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
#DE545C }
```

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

```
.border{ border-color:#DE545C }
```

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

Here you see how a box with a 4 pixel #DE545C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE545C; -webkit-box-shadow:4px 4px  
4px 4px #DE545C; box-shadow:4px 4px 4px  
4px #DE545C }
```

# Background

The CSS property to change the background color of an element to Hex DE545C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE545C }
```

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

```
.background{ background-color:#DE545C }
```

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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