

# Converting Colors

Hex(DE4B68)

Have a look what the booklet for  
Hex(DE4B68) contains.

<b>Hex(DE4B68)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(DE4B68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE4B68
RGB	222, 75, 104
RGB Percent	87%, 29%, 41%
CMY	0.1294, 0.7059, 0.5922
CMYK	0.00, 0.66, 0.53, 0.13
HSL	348°, 69%, 58%
HSV	348°, 66%, 87%
XYZ	35.1390, 21.5612, 15.4064
YIQ	122.2590, 78.3030, 40.1830

# Conversions

## Conversions Part 2

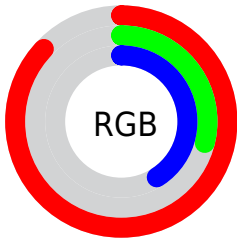
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 75, 104
Decimal	14568296
CIE <sub>Lab</sub>	53.56, 59.04, 15.71
CIE <sub>LCh</sub>	54, 61.090, 14.902
Yxy	21.5612, 0.4873, 0.2990
Android (android.graphics.Color)	4292758376 (0xFFDE4B68)
YUV	122.2590, -9.0017, 87.4729
Hunter-Lab	46.4341, 53.8202, 12.8320

# Details

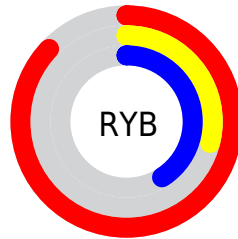
The Hex color **DE4B68** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4BDEC1**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF839B**, and **A10039** is the 20% darker color. If you saturate the color by 10%, you get **DE3556**, and if you desaturate by 10%, it is **DE617A**.

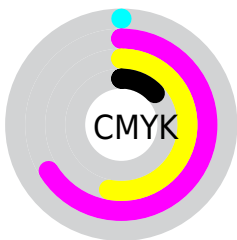
# Distribution



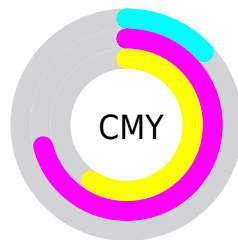
- Red (87%)
- Green (29%)
- Blue (41%)



- Red (87%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (66%)
- Yellow (53%)
- Black (13%)



- Cyan (13%)
- Magenta (71%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE4B68 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 DE4B68 by changing the saturation by 10% instead.



 DE4B68

 DE4B68

FFFFFF

 BF2C50

 FF839B

 A10039

 FFA0B6

 830024

 FFBCD1

 660010

 FFD9ED

 490001

 FFF7FF

 2C0001

 000000

 DE4B68

 DE4B68

 DE3556

 DE617A

 DE1F44

 DE778C

 DE0833

 DE8E9D

 DE002C

 DEA4AF

 DEBAC1

 DED0D3

 DEE6E5

 DEFDF7

 DEFFFF

# Harmonies

## Analogous

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



D14F9D



DE4B68



D05D37

# Triad

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



DE4B68



42912F



008DE6

# Complementary

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



DE4B68



4BDEC1

# 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.



0096C9



DE4B68



009763

# Square

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



DE4B68



818600



00989A



417DE6

# Rectangle

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



DE4B68



BC6C19



00989A



0091DF



# Sweetspot

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



DE4B68



FFCCD6



C14BDE



806167



000000



808080



# Same Dimension

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



DE4B68



FF365D



DE774B



706567



B00023



30000A



# Inverse Universe

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



DE4B68



FF365D



4BB2DE



706567



B00023



30000A



# Previews

## White Background



This preview shows how the Hex color DE4B68 looks on a white background.

## Color Contrast Check

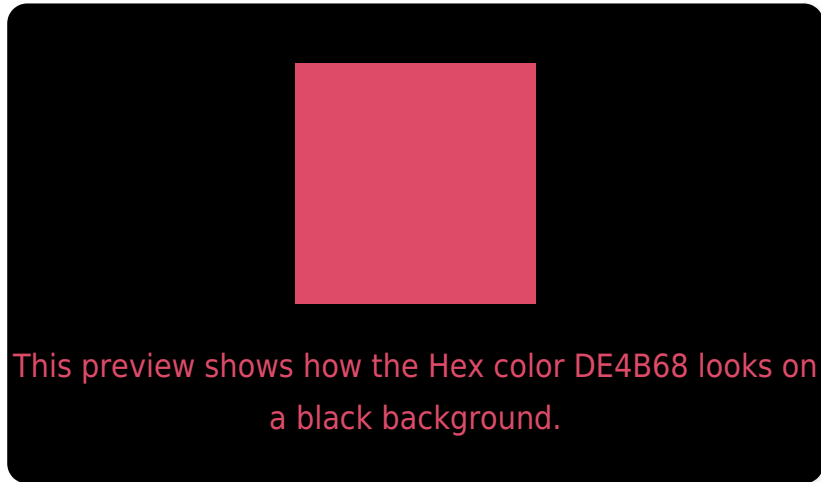
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE4B68 Background



This preview shows how black text looks on a background with the Hex color DE4B68.

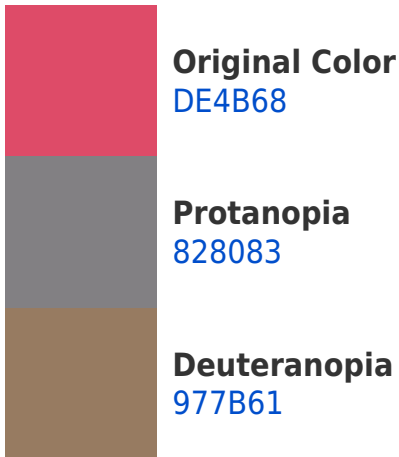


This preview shows how white text looks on a background with the Hex color DE4B68.

# 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**  
DD4F54

# Trichromacy



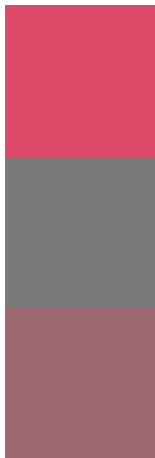
**Original Color**  
DE4B68

**Protanomaly**  
A36D79

**Deuteranomaly**  
B16A64

**Tritanomaly**  
DD4E5B

# Monochromacy



**Original Color**  
DE4B68

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
9E6973

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE4B68 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 #DE4B68 looks like.

```
.text, #text, p{  
    color:#DE4B68  
}
```

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 #DE4B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4B68
}
```

## Border

The CSS property to change the border of an element to Hex DE4B68 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
#DE4B68 }
```

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

```
.border{ border-color:#DE4B68 }
```

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

Here you see how a box with a 4 pixel #DE4B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4B68; -webkit-box-shadow:4px 4px  
4px 4px #DE4B68; box-shadow:4px 4px 4px  
4px #DE4B68 }
```

# Background

The CSS property to change the background color of an element to Hex DE4B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4B68 }
```

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

```
.background{ background-color:#DE4B68 }
```

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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