

Converting Colors

Hex(DE48E3)

Have a look what the booklet for
Hex(DE48E3) contains.

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Color

Hex(DE48E3)

Conversions

Conversions Part 1

Format	Color
Hex	DE48E3
RGB	222, 72, 227
RGB Percent	87%, 28%, 89%
CMY	0.1294, 0.7176, 0.1098
CMYK	0.02, 0.68, 0.00, 0.11
HSL	298°, 73%, 59%
HSV	298°, 68%, 89%
XYZ	46.3067, 25.7104, 75.1950
YIQ	134.5200, 39.6450, 80.0050

Conversions

Conversions Part 2

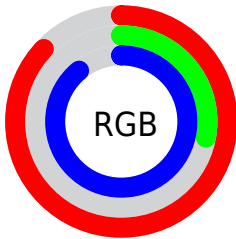
Format	Color
R _{YB}	222, 72, 227
Decimal	14567651
CIE _{Lab}	57.76, 75.50, -49.61
CIE _{LCh}	58, 90.338, 326.692
Yxy	25.7104, 0.3146, 0.1746
Android (android.graphics.Color)	4292757731 (0xFFDE48E3)
YUV	134.5200, 45.5926, 76.7200
Hunter-Lab	50.7054, 74.2806, -52.4320

Details

The Hex color **DE48E3** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4DE348**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF84FF**, and **A300AB** is the 20% darker color. If you saturate the color by 10%, you get **DD31E3**, and if you desaturate by 10%, it is **DF5FE3**.

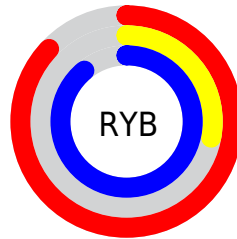
Distribution



Red (87%)

Green (28%)

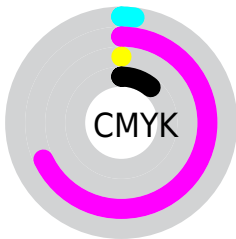
Blue (89%)



Red (87%)

Yellow (28%)

Blue (89%)

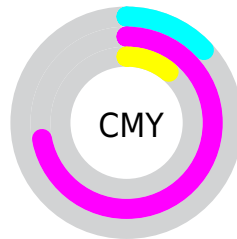


Cyan (2%)

Magenta (68%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (72%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE48E3 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 DE48E3 by changing the saturation by 10% instead.

 DE48E3

 DE48E3

FFFFFF

 C024C7

 FF84FF

 A300AB

 FFA1FF

 860090

 FFBFFF

 6A0076

 FFDCFF

 4D005C

 FFFAFF

 330044

 12002C

 000117

 000000

 DE48E3

 DE48E3

 DD31E3

 DF5FE3

 DD1BE3

 DF75E3

 DC04E3

 E08CE3

 DC00E3

 E1A3E3

 E2BAE3

 E2D0E3

 E3E7E3

 E4FEE3

 E5FFE3

Harmonies

Analogous

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



657AFF



DE48E3



FF0097

Triad

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



DE48E3



B08500



00ACD0

Complementary

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



DE48E3



4DE348

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.



00AB7F



DE48E3



639B00

Square

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



DE48E3



EA6000



00A627



00A7FF

Rectangle

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



DE48E3



FF0263



00A627



00ACB6

Sweetspot

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



DE48E3



FDCCFF



484DE3



7F6180



000000



808080

Same Dimension

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



DE48E3



F82EFF



E3489B



726773



AD00B3



310033

Inverse Universe

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



E3484D



FF2E35



48E390



736768



B30006



330002

Previews

White Background



This preview shows how the Hex color DE48E3 looks on a white background.

Color Contrast Check

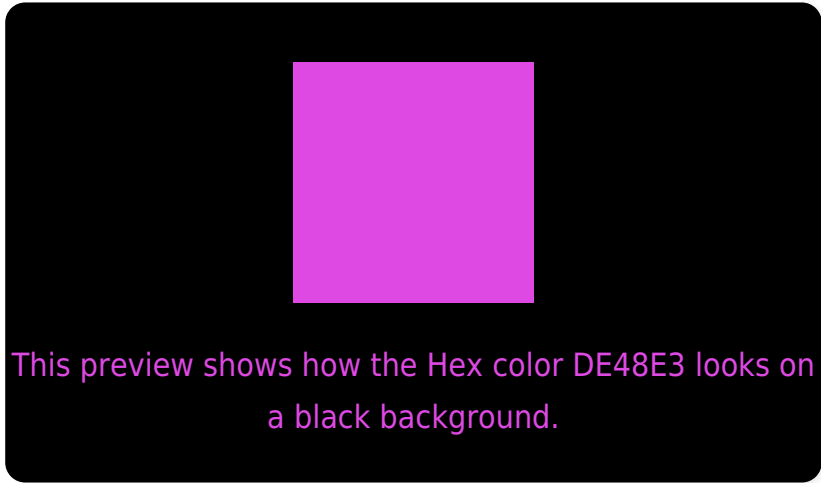
Large Text (above 18pt) WCAG AA ✓ Pass

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

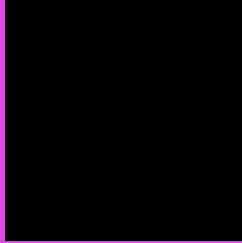
Any Text WCAG AA ✓ Pass

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 DE48E3 Background



This preview shows how black text looks on a background with the Hex color DE48E3.

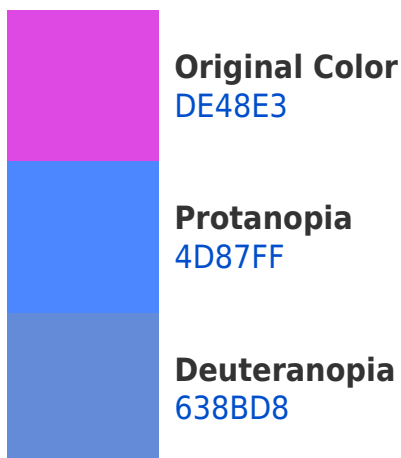



This preview shows how white text looks on a background with the Hex color DE48E3.

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](#).

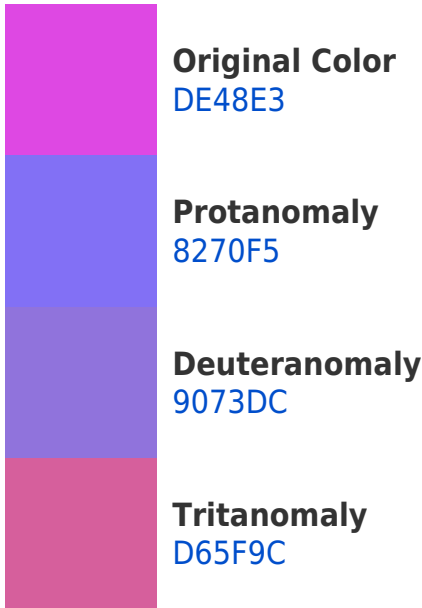
Dichromacy



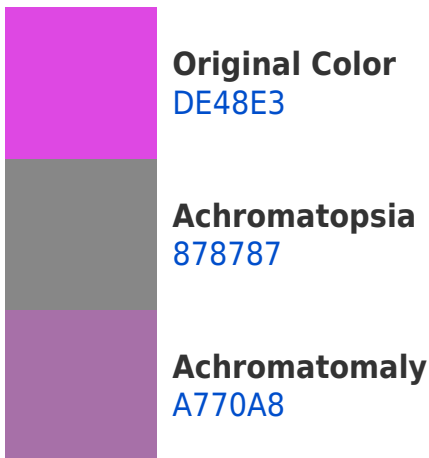


Tritanopia
D16C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE48E3 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 #DE48E3 looks like.

```
.text, #text, p{  
    color:#DE48E3  
}
```

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 #DE48E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE48E3
}
```

Border

The CSS property to change the border of an element to Hex DE48E3 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
#DE48E3 }
```

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

```
.border{ border-color:#DE48E3 }
```

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

Here you see how a box with a 4 pixel #DE48E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE48E3; -webkit-box-shadow:4px 4px  
4px 4px #DE48E3; box-shadow:4px 4px 4px  
4px #DE48E3 }
```

Background

The CSS property to change the background color of an element to Hex DE48E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE48E3 }
```

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

```
.background{ background-color:#DE48E3 }
```

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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