

Converting Colors

Hex(DE4BBB)

Have a look what the booklet for
Hex(DE4BBB) contains.

Hex(DE4BBB)	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(**DE4BBB**)

Conversions

Conversions Part 1

Format	Color
Hex	DE4BBB
RGB	222, 75, 187
RGB Percent	87%, 29%, 73%
CMY	0.1294, 0.7059, 0.2667
CMYK	0.00, 0.66, 0.16, 0.13
HSL	314°, 69%, 58%
HSV	314°, 66%, 87%
XYZ	41.6099, 24.1496, 49.4820
YIQ	131.7210, 51.6600, 65.9960

Conversions

Conversions Part 2

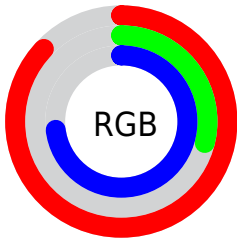
Format	Color
RYB	222, 75, 187
Decimal	14568379
CIELab	56.24, 68.29, -29.22
CIELCh	56, 74.276, 336.835
Yxy	24.1496, 0.3611, 0.2096
Android (android.graphics.Color)	4292758459 (0xFFDE4BBB)
YUV	131.7210, 27.2525, 79.1747
Hunter-Lab	49.1422, 65.1413, -25.3003

Details

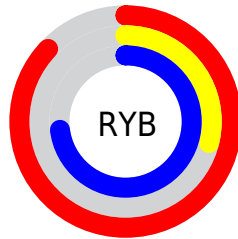
The Hex color **DE4BBB** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **4BDE6E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF85F3**, and **A30085** is the 20% darker color. If you saturate the color by 10%, you get **DE35B6**, and if you desaturate by 10%, it is **DE61C0**.

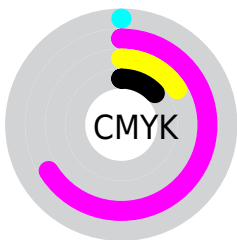
Distribution



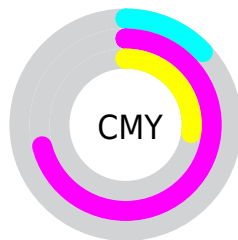
- Red (87%)
- Green (29%)
- Blue (73%)



- Red (87%)
- Yellow (29%)
- Blue (73%)



- Cyan (0%)
- Magenta (66%)
- Yellow (16%)
- Black (13%)



- Cyan (13%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE4BBB 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 DE4BBB by changing the saturation by 10% instead.

 DE4BBB

 DE4BBB

FFFFFF

 C02AA0

 FF85F3

 A30085

 FFA2FF

 86006C

 FFBFFF

 6A0053

 FFDDFF

 4F003C

 FFFAFF

 350026

 10000D

 000000

 DE4BBB

 DE4BBB

 DE35B6

 DE61C0

 DE1FB0

 DE77C6

 DE08AB

 DE8ECB

 DE00A9

 DEA4D0

 DEBAD5

 DED0DB

 DEE6E0

 DEFDE5

 DEFFEB

Harmonies

Analogous

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



996EEF



DE4BBB



F7397B

Triad

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



DE4BBB



958900



00A2D3

Complementary

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



DE4BBB



4BDE6E

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.



00A394



DE4BBB



4F9800

Square

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



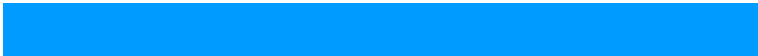
DE4BBB



CA7000



00A051



009BFE

Rectangle

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



DE4BBB



F44651



00A051



00A3C0

Sweetspot

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



DE4BBB



FFCCF3



6D4BDE



806178



000000



808080

Same Dimension

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



DE4BBB



FF36CF



DE4B72



70656E



B00086



300025

Inverse Universe

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



DE4BBB



FF36CF



4BDEB7



70656E



B00086



300025

Previews

White Background



This preview shows how the Hex color DE4BBB looks on a white background.

Color Contrast Check

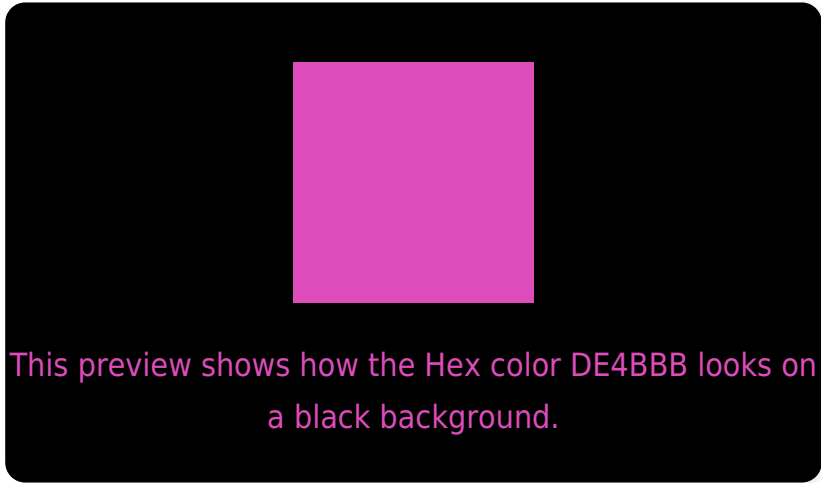
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE4BBB Background



This preview shows how black text looks on a background with the Hex color DE4BBB.

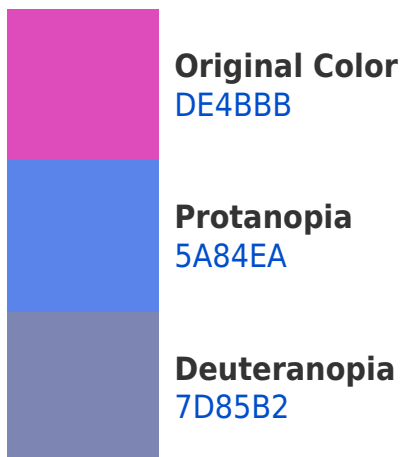



This preview shows how white text looks on a background with the Hex color DE4BBB.

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](#).

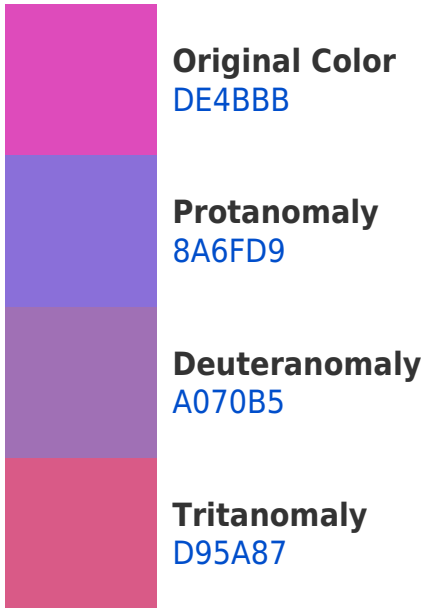
Dichromacy





Tritanopia
D66269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE4BBB 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 #DE4BBB looks like.

```
.text, #text, p{  
    color:#DE4BBB  
}
```

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 #DE4BBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4BBB
}
```

Border

The CSS property to change the border of an element to Hex DE4BBB 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
#DE4BBB }
```

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

```
.border{ border-color:#DE4BBB }
```

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

Here you see how a box with a 4 pixel #DE4BBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4BBB; -webkit-box-shadow:4px 4px  
4px 4px #DE4BBB; box-shadow:4px 4px 4px  
4px #DE4BBB }
```

Background

The CSS property to change the background color of an element to Hex DE4BBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4BBB }
```

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

```
.background{ background-color:#DE4BBB }
```

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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