

Converting Colors

Hex(DE56B8)

Have a look what the booklet for
Hex(DE56B8) contains.

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Color

Hex(DE56B8)

Conversions

Conversions Part 1

Format	Color
Hex	DE56B8
RGB	222, 86, 184
RGB Percent	87%, 34%, 72%
CMY	0.1294, 0.6627, 0.2784
CMYK	0.00, 0.61, 0.17, 0.13
HSL	317°, 67%, 60%
HSV	317°, 61%, 87%
XYZ	42.1037, 25.6459, 48.0784
YIQ	137.8360, 49.5980, 59.3100

Conversions

Conversions Part 2

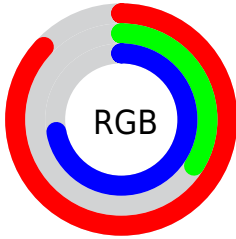
Format	Color
R _Y B	222, 86, 184
Decimal	14571192
CIE Lab	57.70, 63.48, -25.23
CIE LCh	58, 68.311, 338.325
Yxy	25.6459, 0.3635, 0.2214
Android (android.graphics.Color)	4292761272 (0xFFDE56B8)
YUV	137.8360, 22.7589, 73.8118
Hunter-Lab	50.6417, 59.7824, -20.8397

Details

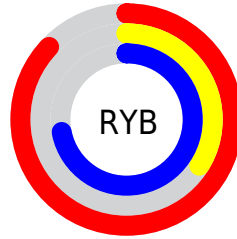
The Hex color **DE56B8** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **56DE7C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF8FF0**, and **A41383** is the 20% darker color. If you saturate the color by 10%, you get **DE40B2**, and if you desaturate by 10%, it is **DE6CBE**.

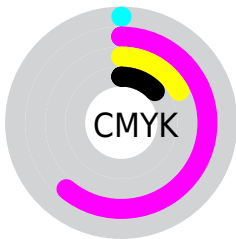
Distribution



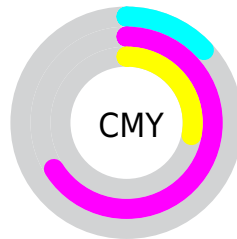
- Red (87%)
- Green (34%)
- Blue (72%)



- Red (87%)
- Yellow (34%)
- Blue (72%)



- Cyan (0%)
- Magenta (61%)
- Yellow (17%)
- Black (13%)



- Cyan (13%)
- Magenta (66%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE56B8 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 DE56B8 by changing the saturation by 10% instead.

 DE56B8

 DE56B8

FFFFFF

 C0389D

 FF8FF0

 A41383

 FFABFF

 870069

 FFC8FF

 6B0051

 FFE5FF

 50003A

 360024

 14000A

 000000

 DE56B8

 DE56B8

 DE40B2

 DE6CBE

 DE2AAC

 DE82C4

 DE13A5

 DE99CB

 DE00A0

 DEAFD1

 DEC5D7

 DEDBDD

 DEF1E3

 DEFFEA

 DEFFF0

Harmonies

Analogous

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



A173E9



DE56B8



F44A7D

Triad

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



DE56B8



978D00



00A4D4

Complementary

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



DE56B8



56DE7C

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.



00A69A



DE56B8



569B1F

Square

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



DE56B8



C97706



00A35C



009DFA

Rectangle

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



DE56B8



F15456



00A35C



00A5C2

Sweetspot

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



DE56B8



FFD1F2



7A56DE



806378



000000



808080

Same Dimension

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



DE56B8



FF42CA



DE5676



70656D



B0007F



300023

Inverse Universe

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



DE56B8



FF42CA



56DEBE



70656D



B0007F



300023

Previews

White Background



This preview shows how the Hex color DE56B8 looks on a white background.

Color Contrast Check

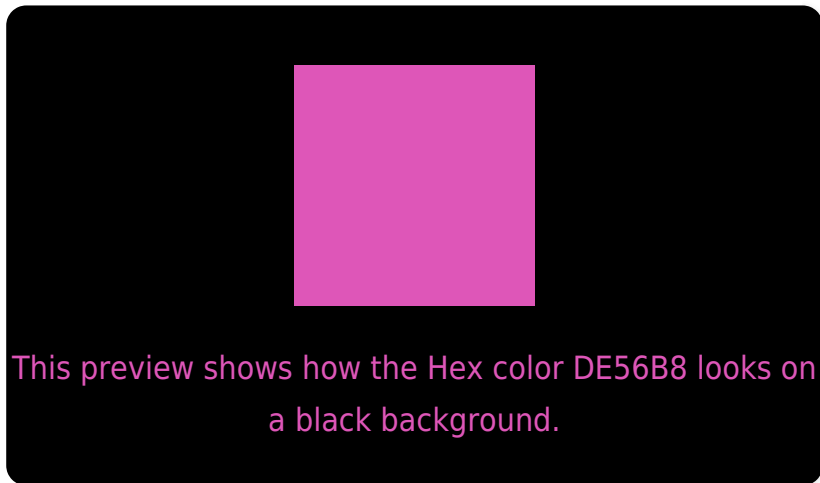
Large Text (above 18pt) WCAG AA ✓ Pass

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

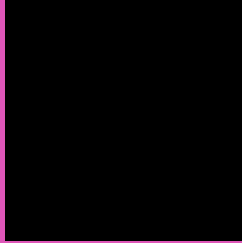
Any Text WCAG AA ✓ Pass

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 DE56B8 Background



This preview shows how black text looks on a background with the Hex color DE56B8.



This preview shows how white text looks on a background with the Hex color DE56B8.

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
D76870

Trichromacy



Original Color
DE56B8



Protanomaly
9476D1



Deuteranomaly
A576B3



Tritanomaly
DA618A

Monochromacy



Original Color
DE56B8



Achromatopsia
8A8A8A



Achromatomaly
A9779B

CSS Examples

Text

The CSS property to change the color of the text to Hex DE56B8 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 #DE56B8 looks like.

```
.text, #text, p{  
    color:#DE56B8  
}
```

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 #DE56B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE56B8
}
```

Border

The CSS property to change the border of an element to Hex DE56B8 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
#DE56B8 }
```

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

```
.border{ border-color:#DE56B8 }
```

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

Here you see how a box with a 4 pixel #DE56B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE56B8; -webkit-box-shadow:4px 4px  
4px 4px #DE56B8; box-shadow:4px 4px 4px  
4px #DE56B8 }
```

Background

The CSS property to change the background color of an element to Hex DE56B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE56B8 }
```

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

```
.background{ background-color:#DE56B8 }
```

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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