

Converting Colors

Hex(DE66D1)

Have a look what the booklet for
Hex(DE66D1) contains.

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Color

Hex(DE66D1)

Conversions

Conversions Part 1

Format	Color
Hex	DE66D1
RGB	222, 102, 209
RGB Percent	87%, 40%, 82%
CMY	0.1294, 0.6000, 0.1804
CMYK	0.00, 0.54, 0.06, 0.13
HSL	306°, 65%, 64%
HSV	306°, 54%, 87%
XYZ	46.3842, 29.6358, 63.5972
YIQ	150.0780, 37.1730, 58.7170

Conversions

Conversions Part 2

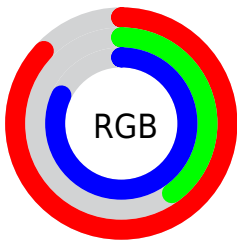
Format	Color
R _Y B	222, 102, 209
Decimal	14575313
CIE Lab	61.34, 60.30, -33.84
CIE LCh	61, 69.143, 330.698
Yxy	29.6358, 0.3322, 0.2123
Android (android.graphics.Color)	4292765393 (0xFFDE66D1)
YUV	150.0780, 29.0485, 63.0756
Hunter-Lab	54.4388, 56.8219, -31.1574

Details

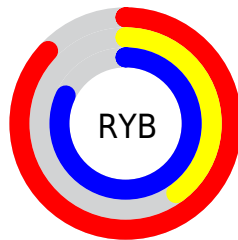
The Hex color **DE66D1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **66DE73**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF9EFF**, and **A42C9A** is the 20% darker color. If you saturate the color by 10%, you get **DE50CF**, and if you desaturate by 10%, it is **DE7CD3**.

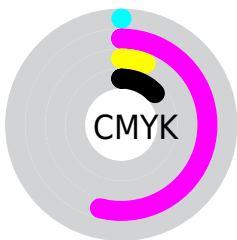
Distribution



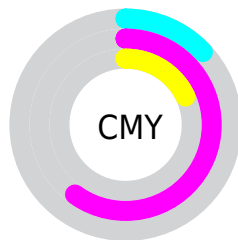
- Red (87%)
- Green (40%)
- Blue (82%)



- Red (87%)
- Yellow (40%)
- Blue (82%)



- Cyan (0%)
- Magenta (54%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (60%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE66D1 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 DE66D1 by changing the saturation by 10% instead.

 DE66D1

 DE66D1

FFFFFF

 C14AB5

 FF9EFF

 A42C9A

 FFBAFF

 880080

 FFD7FF

 6C0066

 FFF4FF

 51004E

 390037

 1C0020

 000004

 000000

 DE66D1

 DE66D1

 DE50CF

 DE7CD3

 DE3ACC

 DE92D6

 DE23CA

 DEA9D8

 DE0DC7

 DEBFDB

 DE00C6

 DED5DD

 DEEBDF

 DEFFE2

 DEFFE4

 DEFFE7

Harmonies

Analogous

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



9383FE



DE66D1



FE5495

Triad

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



DE66D1



B09200



00B0D1

Complementary

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



DE66D1



66DE73

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.



00B094



DE66D1



72A217

Square

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



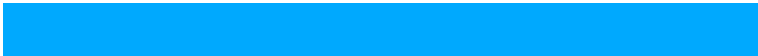
DE66D1



DF7A23



00AC55



00A9FE

Rectangle

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



DE66D1



FF586D



00AC55



00B0BE

Sweetspot

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



DE66D1



FFD6FB



7266DE



80677D



000000



808080

Same Dimension

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



DE66D1



FF59ED



DE6696



70656F



B0009D



30002B

Inverse Universe

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



DE66D1



FF59ED



66DEAE



70656F



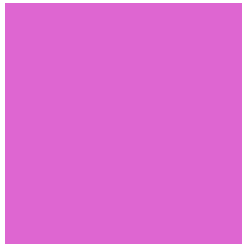
B0009D



30002B

Previews

White Background



This preview shows how the Hex color DE66D1 looks on a white background.

Color Contrast Check

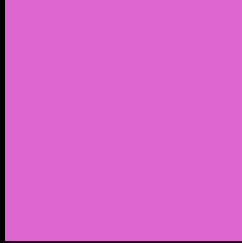
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color DE66D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

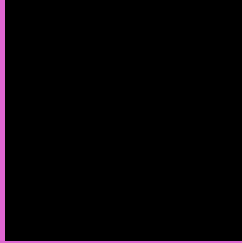
Any Text WCAG AA ✓ Pass

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 DE66D1 Background



This preview shows how black text looks on a background with the Hex color DE66D1.

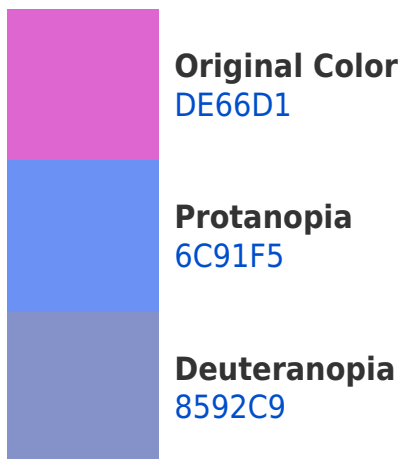


This preview shows how white text looks on a background with the Hex color DE66D1.

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
D57982

Trichromacy



Original Color
DE66D1



Protanomaly
9581E8



Deuteranomaly
A582CC



Tritanomaly
D8729F

Monochromacy



Original Color
DE66D1



Achromatopsia
969696



Achromatomaly
B085AB

CSS Examples

Text

The CSS property to change the color of the text to Hex DE66D1 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 #DE66D1 looks like.

```
.text, #text, p{  
    color:#DE66D1  
}
```

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 #DE66D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE66D1
}
```

Border

The CSS property to change the border of an element to Hex DE66D1 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
#DE66D1 }
```

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

```
.border{ border-color:#DE66D1 }
```

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

Here you see how a box with a 4 pixel #DE66D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE66D1; -webkit-box-shadow:4px 4px  
4px 4px #DE66D1; box-shadow:4px 4px 4px  
4px #DE66D1 }
```

Background

The CSS property to change the background color of an element to Hex DE66D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE66D1 }
```

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

```
.background{ background-color:#DE66D1 }
```

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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