

Converting Colors

Hex(DE6FC6)

Have a look what the booklet for
Hex(DE6FC6) contains.

Hex(DE6FC6)	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(DE6FC6)

Conversions

Conversions Part 1

Format	Color
Hex	DE6FC6
RGB	222, 111, 198
RGB Percent	87%, 44%, 78%
CMY	0.1294, 0.5647, 0.2235
CMYK	0.00, 0.50, 0.11, 0.13
HSL	313°, 63%, 65%
HSV	313°, 50%, 87%
XYZ	46.0017, 30.9757, 56.9804
YIQ	154.1070, 38.2290, 50.5890

Conversions

Conversions Part 2

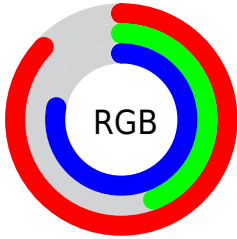
Format	Color
R _{YB}	222, 111, 198
Decimal	14577606
CIE Lab	62.49, 54.26, -25.85
CIE LCh	62, 60.104, 334.529
Yxy	30.9757, 0.3434, 0.2312
Android (android.graphics.Color)	4292767686 (0xFFDE6FC6)
YUV	154.1070, 21.6392, 59.5422
Hunter-Lab	55.6558, 50.1395, -21.7420

Details

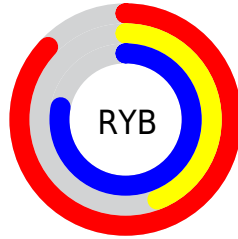
The Hex color **DE6FC6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6FDE87**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA6FF**, and **A43890** is the 20% darker color. If you saturate the color by 10%, you get **DE59C1**, and if you desaturate by 10%, it is **DE85CB**.

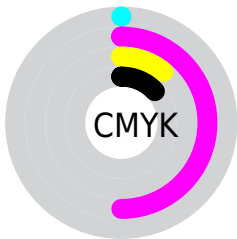
Distribution



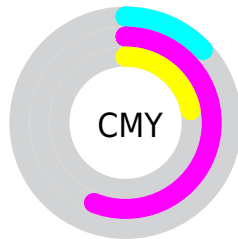
- Red (87%)
- Green (44%)
- Blue (78%)



- Red (87%)
- Yellow (44%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE6FC6 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 DE6FC6 by changing the saturation by 10% instead.

 DE6FC6

 DE6FC6

FFFFFF

 C154AB

 FFA6FF

 A43890

 FFC2FF

 891976

 FFDFFF

 6D005D

 FFFDFF

 520045

 3A002F

 1E0019

 000000

 DE6FC6

 DE6FC6

 DE59C1

 DE85CB

 DE43BC

 DE9BD0

 DE2CB8

 DEB2D4

 DE16B3

 DEC8D9

 DE00AE

 DEDEDE

 DEF4E3

 DEFFE8

 DEFFEC

 DEFFF1

Harmonies

Analogous

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



A385EF



DE6FC6



F76491

Triad

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



DE6FC6



AB9720



00AFD2

Complementary

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



DE6FC6



6FDE87

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.



00B19E



DE6FC6



74A538

Square

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



DE6FC6



D78334



00AD67



00A9F7

Rectangle

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



DE6FC6



F7696E



00AD67



00B0C2

Sweetspot

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



DE6FC6



FFD9F7



856FDE



80697B



000000



808080

Same Dimension

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



DE6FC6



FF66DE



DE6F90



70656E



B0008A



300026

Inverse Universe

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



DE6FC6



FF66DE



6FDEBD



70656E



B0008A



300026

Previews

White Background



This preview shows how the Hex color DE6FC6 looks on a white background.

Color Contrast Check

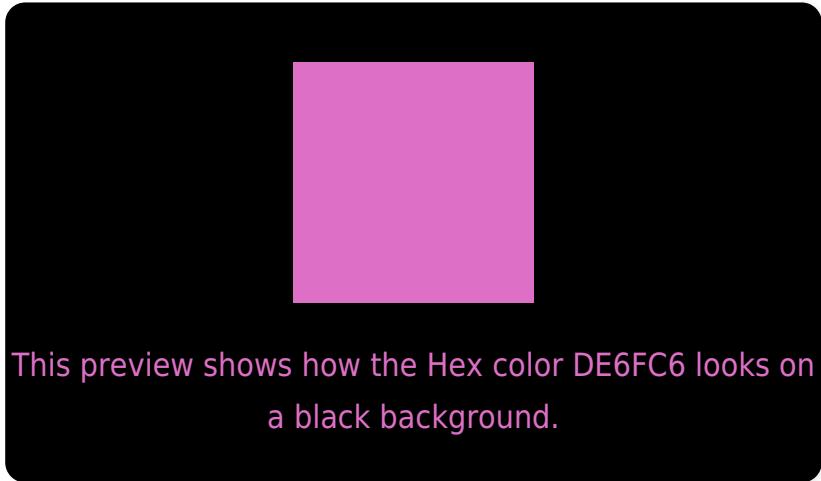
Large Text (above 18pt) WCAG AA × Fail

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

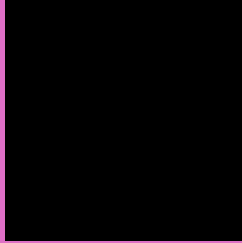
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DE6FC6 Background



This preview shows how black text looks on a background with the Hex color DE6FC6.

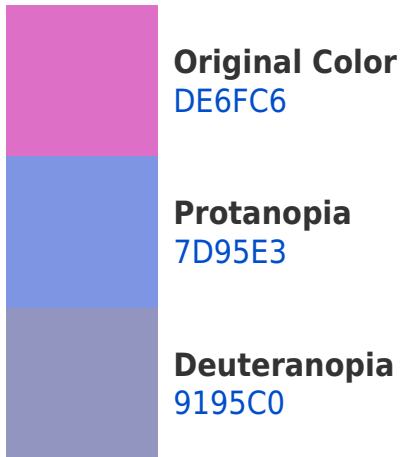


This preview shows how white text looks on a background with the Hex color DE6FC6.

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
D77D87

Trichromacy



Original Color
DE6FC6



Protanomaly
A087D8



Deuteranomaly
AD87C2

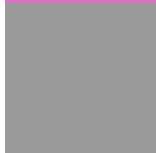


Tritanomaly
DA789E

Monochromacy



Original Color
DE6FC6



Achromatopsia
9A9A9A



Achromatomaly
B38AAA

CSS Examples

Text

The CSS property to change the color of the text to Hex DE6FC6 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 #DE6FC6 looks like.

```
.text, #text, p{  
    color:#DE6FC6  
}
```

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 #DE6FC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6FC6
}
```

Border

The CSS property to change the border of an element to Hex DE6FC6 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
#DE6FC6 }
```

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

```
.border{ border-color:#DE6FC6 }
```

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

Here you see how a box with a 4 pixel #DE6FC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6FC6; -webkit-box-shadow:4px 4px  
4px 4px #DE6FC6; box-shadow:4px 4px 4px  
4px #DE6FC6 }
```

Background

The CSS property to change the background color of an element to Hex DE6FC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6FC6 }
```

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

```
.background{ background-color:#DE6FC6 }
```

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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