

Converting Colors

Hex(DE36A7)

Have a look what the booklet for
Hex(DE36A7) contains.

Hex(DE36A7)	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(DE36A7)

Conversions

Conversions Part 1

Format	Color
Hex	DE36A7
RGB	222, 54, 167
RGB Percent	87%, 21%, 65%
CMY	0.1294, 0.7882, 0.3451
CMYK	0.00, 0.76, 0.25, 0.13
HSL	320°, 72%, 54%
HSV	320°, 76%, 87%
XYZ	38.4184, 20.9579, 38.5796
YIQ	117.1140, 63.8550, 70.7590

Conversions

Conversions Part 2

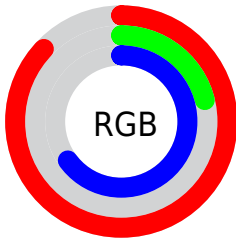
Format	Color
R_{YB}	222, 54, 167
Decimal	14562983
CIE _{Lab}	52.90, 72.69, -22.72
CIE _{LCh}	53, 76.161, 342.640
Yxy	20.9579, 0.3922, 0.2140
Android (android.graphics.Color)	4292753063 (0xFFDE36A7)
YUV	117.1140, 24.5938, 91.9850
Hunter-Lab	45.7799, 69.6823, -17.9190

Details

The Hex color **DE36A7** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **36DE6D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF75DE**, and **A20073** is the 20% darker color. If you saturate the color by 10%, you get **DE20A0**, and if you desaturate by 10%, it is **DE4CAE**.

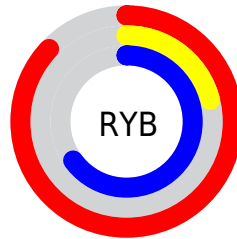
Distribution



Red (87%)

Green (21%)

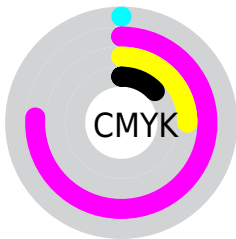
Blue (65%)



Red (87%)

Yellow (21%)

Blue (65%)

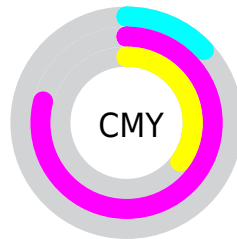


Cyan (0%)

Magenta (76%)

Yellow (25%)

Black (13%)



Cyan (13%)

Magenta (79%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE36A7 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 DE36A7 by changing the saturation by 10% instead.

 DE36A7

 DE36A7

FFFFFF

 C0008C

 FF75DE

 A20073

 FF92FB

 85005A

 FFAFFF

 680042

 FFCDDF

 4D002C

 FFE8FF

 300017

 000000

 DE36A7

 DE36A7

 DE20A0

 DE4CAE

 DE0A98

 DE62B6

 DE0095

 DE79BD

 DE8FC4

 DEA5CB

 DEBBD3

 DED1DA

 DEE8E1

 DEFEE8

Harmonies

Analogous

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



A25EE0



DE36A7



EF2966

Triad

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



DE36A7



808400



0099D6

Complementary

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



DE36A7



36DE6D

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.



009B99



DE36A7



2C9200

Square

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



DE36A7



B86D00



009854



0090FC

Rectangle

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



DE36A7



E83E3C



009854



009AC4

Sweetspot

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



DE36A7



FFC4EC



6B36DE



805C74



000000



808080

Same Dimension

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



DE36A7



FF17B3



DE3655



70656D



B00076



300021

Inverse Universe

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



DE36A7



FF17B3



36DEBF



70656D



B00076



300021

Previews

White Background



This preview shows how the Hex color DE36A7 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 DE36A7 Background



This preview shows how black text looks on a background with the Hex color DE36A7.

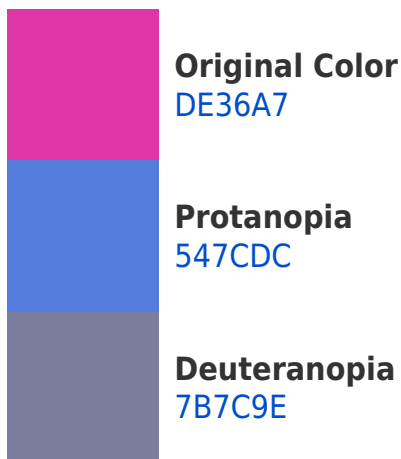


This preview shows how white text looks on a background with the Hex color DE36A7.

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](#).

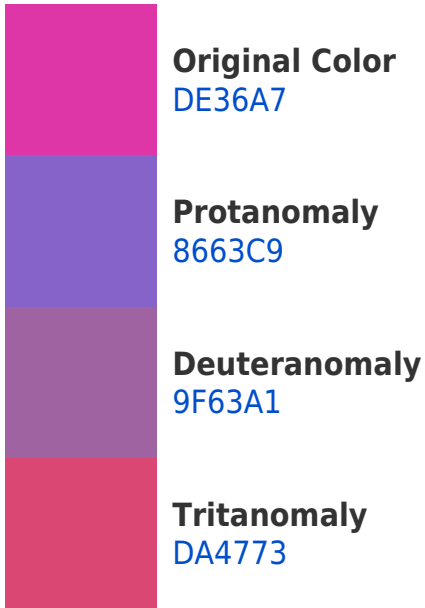
Dichromacy



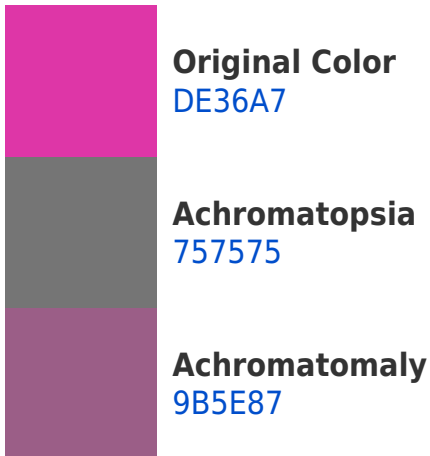


Tritanopia
D75055

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE36A7 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 #DE36A7 looks like.

```
.text, #text, p{  
    color:#DE36A7  
}
```

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 #DE36A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE36A7
}
```

Border

The CSS property to change the border of an element to Hex DE36A7 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
#DE36A7 }
```

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

```
.border{ border-color:#DE36A7 }
```

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

Here you see how a box with a 4 pixel #DE36A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE36A7; -webkit-box-shadow:4px 4px  
4px 4px #DE36A7; box-shadow:4px 4px 4px  
4px #DE36A7 }
```

Background

The CSS property to change the background color of an element to Hex DE36A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE36A7 }
```

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

```
.background{ background-color:#DE36A7 }
```

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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