

# Converting Colors

Hex(DE217A)

Have a look what the booklet for  
Hex(DE217A) contains.

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**Color**

**Hex(DE217A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE217A
RGB	222, 33, 122
RGB Percent	87%, 13%, 48%
CMY	0.1294, 0.8706, 0.5216
CMYK	0.00, 0.85, 0.45, 0.13
HSL	332°, 74%, 50%
HSV	332°, 85%, 87%
XYZ	34.1809, 18.0224, 20.0895
YIQ	99.6570, 84.0750, 67.7470

# Conversions

## Conversions Part 2

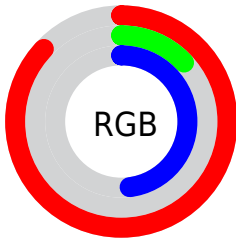
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">222, 33, 122</a>
Decimal	<a href="#">14557562</a>
CIELab	<a href="#">49.52, 73.14, -0.89</a>
CIELCh	<a href="#">50, 73.142, 359.305</a>
Yxy	<a href="#">18.0224, 0.4728, 0.2493</a>
Android (android.graphics.Color)	<a href="#">4292747642 (0xFFDE217A)</a>
YUV	<a href="#">99.6570, 11.0151, 107.2948</a>
Hunter-Lab	<a href="#">42.4529, 69.4267, 1.6598</a>

# Details

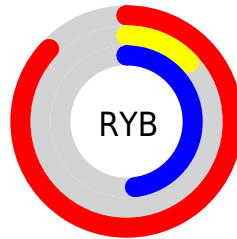
The Hex color **DE217A** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21DE85**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF67AE**, and **A1004A** is the 20% darker color. If you saturate the color by 10%, you get **DE0B6E**, and if you desaturate by 10%, it is **DE3786**.

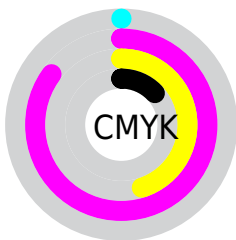
# Distribution



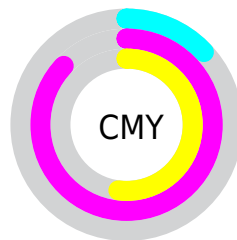
- Red (87%)
- Green (13%)
- Blue (48%)



- Red (87%)
- Yellow (13%)
- Blue (48%)



- Cyan (0%)
- Magenta (85%)
- Yellow (45%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE217A 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 DE217A by changing the saturation by 10% instead.



 DE217A

 DE217A

FFFFFF

 BF0061

 FF67AE

 A1004A

 FF85CA

 820033

 FFA2E6

 65001F

 FFC0FF

 4A0004

 FFDEFF

 290001

 FFFCFF

 000000

 DE217A

 DE217A

 DE0B6E

 DE3786

 DE0069

 DE4D91

 DE649D

 DE7AA9

 DE90B5

 DEA6C0

 DEBCCC

 DED3D8

 DEE9E4

# Harmonies

## Analogous

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



BD42B6



DE217A



DC343D

# Triad

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



DE217A



528300



008CE1

# Complementary

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



DE217A



21DE85

# 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.



0090B1



DE217A



008C30

# Square

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



DE217A



907300



009072



007EF3

# Rectangle

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



DE217A



CB4D12



009072



008ED4



# Sweetspot

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



DE217A



FFBDDC



8321DE



80586B



000000



808080



# Same Dimension

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



DE217A



FF0078



DE2421



70656A



B00053



300017



# Inverse Universe

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



DE217A



FF0078



21DBDE



70656A



B00053



300017



# Previews

## White Background



This preview shows how the Hex color DE217A looks on a white 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

# 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 DE217A Background



This preview shows how black text looks on a background with the Hex color DE217A.



This preview shows how white text looks on a background with the Hex color DE217A.

# 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





# Trichromacy



**Original Color**  
DE217A



**Protanomaly**  
925699



**Deuteranomaly**  
A55574



**Tritanomaly**  
DB3051

# Monochromacy



**Original Color**  
DE217A



**Achromatopsia**  
646464



**Achromatomaly**  
904C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE217A 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 #DE217A looks like.

```
.text, #text, p{  
    color:#DE217A  
}
```

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 #DE217A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE217A
}
```

## Border

The CSS property to change the border of an element to Hex DE217A 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
#DE217A }
```

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

```
.border{ border-color:#DE217A }
```

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

Here you see how a box with a 4 pixel #DE217A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE217A; -webkit-box-shadow:4px 4px  
4px 4px #DE217A; box-shadow:4px 4px 4px  
4px #DE217A }
```

# Background

The CSS property to change the background color of an element to Hex DE217A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE217A }
```

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

```
.background{ background-color:#DE217A }
```

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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