

# Converting Colors

Hex(DE54AA)

Have a look what the booklet for  
Hex(DE54AA) contains.

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# Color

Hex(**DE54AA**)

# Conversions

## Conversions Part 1

Format	Color
Hex	DE54AA
RGB	222, 84, 170
RGB Percent	87%, 33%, 67%
CMY	0.1294, 0.6706, 0.3333
CMYK	0.00, 0.62, 0.23, 0.13
HSL	323°, 68%, 60%
HSV	323°, 62%, 87%
XYZ	40.5502, 24.7725, 40.6746
YIQ	135.0660, 54.6420, 56.0020

# Conversions

## Conversions Part 2

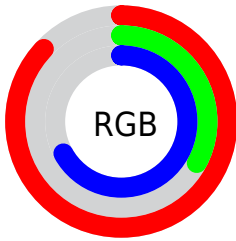
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 84, 170
Decimal	14570666
CIE Lab	56.85, 62.38, -18.43
CIE LCh	57, 65.049, 343.540
Yxy	24.7725, 0.3826, 0.2337
Android (android.graphics.Color)	4292760746 (0xFFDE54AA)
YUV	135.0660, 17.2225, 76.2411
Hunter-Lab	49.7720, 58.3264, -13.6124

# Details

The Hex color **DE54AA** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **54DE88**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF8DE1**, and **A30F76** is the 20% darker color. If you saturate the color by 10%, you get **DE3EA2**, and if you desaturate by 10%, it is **DE6AB2**.

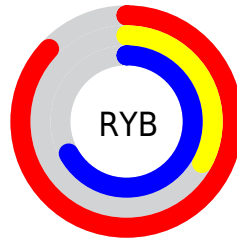
# Distribution



Red (87%)

Green (33%)

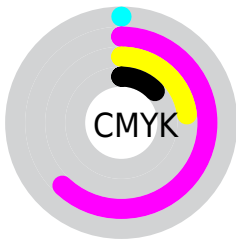
Blue (67%)



Red (87%)

Yellow (33%)

Blue (67%)

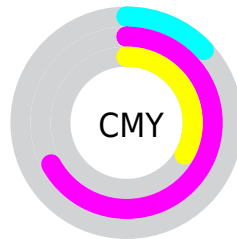


Cyan (0%)

Magenta (62%)

Yellow (23%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE54AA 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 DE54AA by changing the saturation by 10% instead.



 DE54AA

 DE54AA

FFFFFF

 C0368F

 FF8DE1

 A30F76

 FFA9FE

 87005D

 FFC6FF

 6A0045

 FFE3FF

 4F002F

 35001A

 0E0000

 000000

 DE54AA

 DE54AA

 DE3EA2

 DE6AB2

 DE2899

 DE80BB

 DE1191

 DE97C3

 DE008A

 DEADCB

 DEC3D4

 DED9DC

 DEEFE5

 DEFFED

 DEFFF5

# Harmonies

## Analogous

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



AB6DDB



DE54AA



EE4E71

# Triad

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



DE54AA



8B8E00



00A0D6

# Complementary

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



DE54AA



54DE88

# 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.



00A3A1



DE54AA



499A2E

# Square

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



DE54AA



BD7A05



00A166



0098F5

# Rectangle

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



DE54AA



E7594D



00A166



00A2C6



# Sweetspot

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



DE54AA



FFCFED



8754DE



806274



000000



808080



# Same Dimension

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



DE54AA



FF40B7



DE5466



70656C



B0006E



30001E



# Inverse Universe

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



DE54AA



FF40B7



54DECC



70656C



B0006E



30001E



# Previews

## White Background



This preview shows how the Hex color DE54AA 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 DE54AA Background



This preview shows how black text looks on a background with the Hex color DE54AA.



This preview shows how white text looks on a background with the Hex color DE54AA.

# 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**  
D8646A

# Trichromacy



**Original Color**  
DE54AA



**Protanomaly**  
9774C2



**Deuteranomaly**  
A974A5



**Tritanomaly**  
DA5E81

# Monochromacy



**Original Color**  
DE54AA



**Achromatopsia**  
878787



**Achromatomaly**  
A77494

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE54AA 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 #DE54AA looks like.

```
.text, #text, p{  
    color:#DE54AA  
}
```

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 #DE54AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE54AA
}
```

## Border

The CSS property to change the border of an element to Hex DE54AA 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
#DE54AA }
```

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

```
.border{ border-color:#DE54AA }
```

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

Here you see how a box with a 4 pixel #DE54AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE54AA; -webkit-box-shadow:4px 4px  
4px 4px #DE54AA; box-shadow:4px 4px 4px  
4px #DE54AA }
```

# Background

The CSS property to change the background color of an element to Hex DE54AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE54AA }
```

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

```
.background{ background-color:#DE54AA }
```

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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