

# Converting Colors

Hex(DE54A6)

Have a look what the booklet for  
Hex(DE54A6) contains.

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# Color

**Hex(DE54A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE54A6
RGB	222, 84, 166
RGB Percent	87%, 33%, 65%
CMY	0.1294, 0.6706, 0.3490
CMYK	0.00, 0.62, 0.25, 0.13
HSL	324°, 68%, 60%
HSV	324°, 62%, 87%
XYZ	40.1775, 24.6234, 38.7116
YIQ	134.6100, 55.9260, 54.7580

# Conversions

## Conversions Part 2

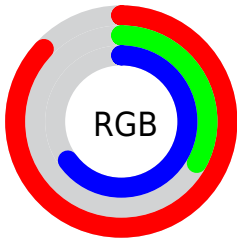
Format	Color
R <sub>Y</sub> B	222, 84, 166
Decimal	14570662
CIE Lab	56.71, 61.86, -16.33
CIE LCh	57, 63.976, 345.213
Yxy	24.6234, 0.3881, 0.2379
Android (android.graphics.Color)	4292760742 (0xFFDE54A6)
YUV	134.6100, 15.4753, 76.6410
Hunter-Lab	49.6220, 57.6877, -11.5185

# Details

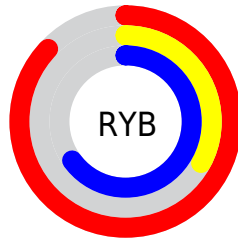
The Hex color **DE54A6** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **54DE8C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF8DDD**, and **A31072** is the 20% darker color. If you saturate the color by 10%, you get **DE3E9D**, and if you desaturate by 10%, it is **DE6AAF**.

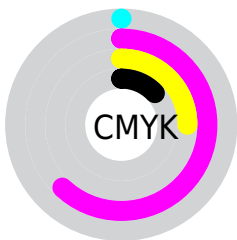
# Distribution



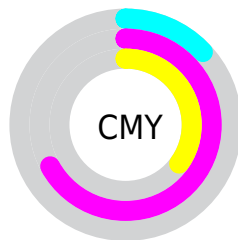
- Red (87%)
- Green (33%)
- Blue (65%)



- Red (87%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (62%)
- Yellow (25%)
- Black (13%)



- Cyan (13%)
- Magenta (67%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE54A6 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 DE54A6 by changing the saturation by 10% instead.



 DE54A6

 DE54A6

FFFFFF

 C0368C

 FF8DDD

 A31072

 FFA9FA

 870059

 FFC6FF

 6A0042

 FFE3FF

 4F002C

 350017

 0C0000

 000000

 DE54A6

 DE54A6

 DE3E9D

 DE6AAF

 DE2894

 DE80B8

 DE118B

 DE97C1

 DE0084

 DEADCA

 DEC3D3

 DED9DC

 DEEFE5

 DEFFEE

 DEFFF7

# Harmonies

## Analogous

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



AE6CD7



DE54A6



EC506E

# Triad

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



DE54A6



888E00



009FD6

# Complementary

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



DE54A6



54DE8C

# 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.



00A2A4



DE54A6



469A32

# Square

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



DE54A6



B97B06



00A06A



0096F4

# Rectangle

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



DE54A6



E45B4B



00A06A



00A1C7



# Sweetspot

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



DE54A6



FFCFEB



8B54DE



806274



000000



808080



# Same Dimension

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



DE54A6



FF40B1



DE5462



70656C



B00069



30001D



# Inverse Universe

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



DE54A6



FF40B1



54DED0



70656C



B00069



30001D



# Previews

## White Background



This preview shows how the Hex color DE54A6 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 DE54A6 Background



This preview shows how black text looks on a background with the Hex color DE54A6.

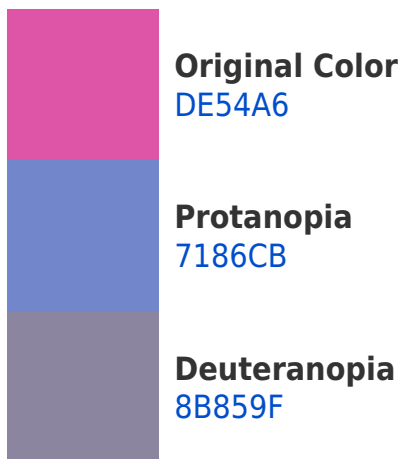


This preview shows how white text looks on a background with the Hex color DE54A6.

# 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**  
D96369

# Trichromacy



**Original Color**  
DE54A6



**Protanomaly**  
9974BE



**Deuteranomaly**  
A973A2



**Tritanomaly**  
DB5E7F

# Monochromacy



**Original Color**  
DE54A6



**Achromatopsia**  
878787



**Achromatomaly**  
A77492

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE54A6 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 #DE54A6 looks like.

```
.text, #text, p{  
    color:#DE54A6  
}
```

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 #DE54A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE54A6
}
```

## Border

The CSS property to change the border of an element to Hex DE54A6 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
#DE54A6 }
```

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

```
.border{ border-color:#DE54A6 }
```

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

Here you see how a box with a 4 pixel #DE54A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE54A6; -webkit-box-shadow:4px 4px  
4px 4px #DE54A6; box-shadow:4px 4px 4px  
4px #DE54A6 }
```

# Background

The CSS property to change the background color of an element to Hex DE54A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE54A6 }
```

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

```
.background{ background-color:#DE54A6 }
```

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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