

# Converting Colors

Hex(DE64A9)

Have a look what the booklet for  
Hex(DE64A9) contains.

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# **Color**

**Hex(DE64A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE64A9
RGB	222, 100, 169
RGB Percent	87%, 39%, 66%
CMY	0.1294, 0.6078, 0.3373
CMYK	0.00, 0.55, 0.24, 0.13
HSL	326°, 65%, 63%
HSV	326°, 55%, 87%
XYZ	41.8428, 27.5085, 40.6404
YIQ	144.3440, 50.5630, 47.3230

# Conversions

## Conversions Part 2

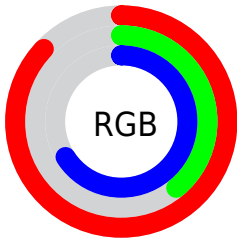
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 100, 169
Decimal	14574761
CIE Lab	59.44, 55.18, -13.93
CIE LCh	59, 56.911, 345.835
Yxy	27.5085, 0.3804, 0.2501
Android (android.graphics.Color)	4292764841 (0xFFDE64A9)
YUV	144.3440, 12.1554, 68.1043
Hunter-Lab	52.4486, 50.6201, -9.2276

# Details

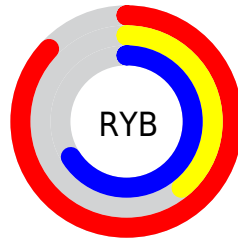
The Hex color **DE64A9** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64DE99**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF9BE0**, and **A42C75** is the 20% darker color. If you saturate the color by 10%, you get **DE4E9F**, and if you desaturate by 10%, it is **DE7AB3**.

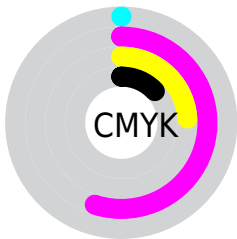
# Distribution



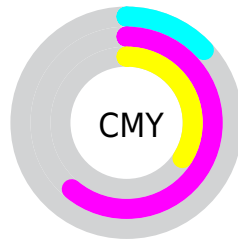
- Red (87%)
- Green (39%)
- Blue (66%)



- Red (87%)
- Yellow (39%)
- Blue (66%)



- Cyan (0%)
- Magenta (55%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (61%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE64A9 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 DE64A9 by changing the saturation by 10% instead.



 DE64A9

 DE64A9

FFFFFF

 C1488F

 FF9BE0

 A42C75

 FFB7FD

 87025C

 FFD4FF

 6C0045

 FFF1FF

 50002E

 38001A

 150000

 000000

 DE64A9

 DE64A9

 DE4E9F

 DE7AB3

 DE3896

 DE90BC

 DE218C

 DEA7C6

 DE0B82

 DEBDD0

 DE007E

 DED3D9

 DEE9E3

 DEFFED

 DEFFF6

 DEFFFF

# Harmonies

## Analogous

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



B376D5



DE64A9



EA6177

# Triad

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



DE64A9



909524



00A4D6

# Complementary

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



DE64A9



64DE99

# 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.



00A7A9



DE64A9



56A045

# Square

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



DE64A9



BD8428



00A675



009BF0

# Rectangle

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



DE64A9



E46A57



00A675



00A6C8



# Sweetspot

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



DE64A9



FFD6ED



9964DE



806775



000000



808080



# Same Dimension

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



DE64A9



FF57B6



DE646C



70656B



B00064



30001B



# Inverse Universe

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



DE64A9



FF57B6



64DED6



70656B



B00064



30001B



# Previews

## White Background



This preview shows how the Hex color DE64A9 looks on a white background.

## Color Contrast Check

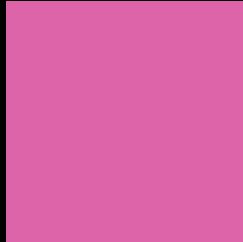
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DE64A9 looks on a 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 DE64A9 Background



This preview shows how black text looks on a background with the Hex color DE64A9.

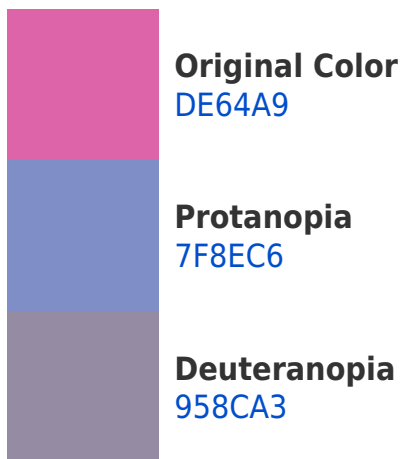


This preview shows how white text looks on a background with the Hex color DE64A9.

# 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**  
D96F77

# Trichromacy



**Original Color**  
DE64A9



**Protanomaly**  
A27FBB



**Deuteranomaly**  
B07DA5

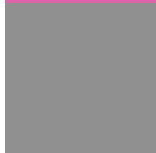


**Tritanomaly**  
DB6B89

# Monochromacy



**Original Color**  
DE64A9



**Achromatopsia**  
909090



**Achromatomaly**  
AC8099

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE64A9 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 #DE64A9 looks like.

```
.text, #text, p{  
    color:#DE64A9  
}
```

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 #DE64A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE64A9
}
```

## Border

The CSS property to change the border of an element to Hex DE64A9 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
#DE64A9 }
```

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

```
.border{ border-color:#DE64A9 }
```

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

Here you see how a box with a 4 pixel #DE64A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE64A9; -webkit-box-shadow:4px 4px  
4px 4px #DE64A9; box-shadow:4px 4px 4px  
4px #DE64A9 }
```

# Background

The CSS property to change the background color of an element to Hex DE64A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE64A9 }
```

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

```
.background{ background-color:#DE64A9 }
```

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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