

# Converting Colors

Hex(DE2AA3)

Have a look what the booklet for  
Hex(DE2AA3) contains.

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# Color

**Hex(DE2AA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE2AA3
RGB	222, 42, 163
RGB Percent	87%, 16%, 64%
CMY	0.1294, 0.8353, 0.3608
CMYK	0.00, 0.81, 0.27, 0.13
HSL	320°, 73%, 52%
HSV	320°, 81%, 87%
XYZ	37.5630, 19.8299, 36.4981
YIQ	109.6140, 68.4390, 75.7910

# Conversions

## Conversions Part 2

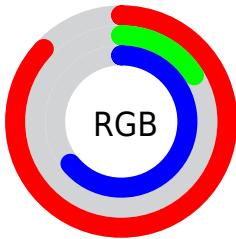
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 42, 163
Decimal	14559907
CIE <sub>Lab</sub>	51.64, 75.35, -22.30
CIE <sub>LCh</sub>	52, 78.586, 343.513
Yxy	19.8299, 0.4001, 0.2112
Android (android.graphics.Color)	4292749987 (0xFFDE2AA3)
YUV	109.6140, 26.3193, 98.5625
Hunter-Lab	44.5307, 72.6413, -17.4235

# Details

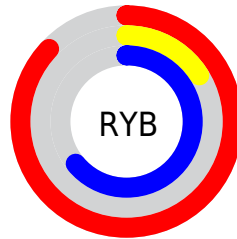
The Hex color **DE2AA3** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **2ADE65**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6DDA**, and **A2006F** is the 20% darker color. If you saturate the color by 10%, you get **DE149C**, and if you desaturate by 10%, it is **DE40AA**.

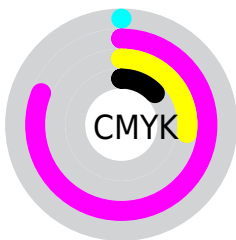
# Distribution



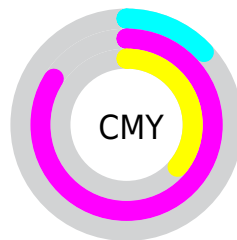
- Red (87%)
- Green (16%)
- Blue (64%)



- Red (87%)
- Yellow (16%)
- Blue (64%)



- Cyan (0%)
- Magenta (81%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (84%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE2AA3 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 DE2AA3 by changing the saturation by 10% instead.



 DE2AA3

 DE2AA3

FFFFFF

 C00089

 FF6DDA

 A2006F

 FF8BF7

 850056

 FFA8FF

 68003F

 FFC6FF

 4C0029

 FFE4FF

 2F0013

 000000

 DE2AA3

 DE2AA3

 DE149C

 DE40AA

 DE0095

 DE56B2

 DE6DB9

 DE83C0

 DE99C7

 DEAFCF

 DEC5D6

 DEDCDD

 DEF2E4

# Harmonies

## Analogous

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



A158DE



DE2AA3



EE1A60

# Triad

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



DE2AA3



7A8200



0096D7

# Complementary

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



DE2AA3



2ADE65

# 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.



009899



DE2AA3



1B8F00

# Square

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



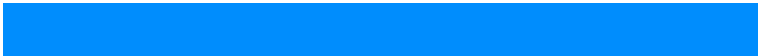
DE2AA3



B36A00



009552



008DFD

# Rectangle

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



DE2AA3



E63735



009552



0097C4



# Sweetspot

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



DE2AA3



FFC2EB



632ADE



805B73



000000



808080



# Same Dimension

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



DE2AA3



FF08AE



DE2A4B



70656D



B00076



300021



# Inverse Universe

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



DE2AA3



FF08AE



2ADEBD



70656D



B00076



300021



# Previews

## White Background



This preview shows how the Hex color DE2AA3 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 DE2AA3 Background



This preview shows how black text looks on a background with the Hex color DE2AA3.




This preview shows how white text looks on a background with the Hex color DE2AA3.

# 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**  
D7494D

# Trichromacy



**Original Color**  
DE2AA3



**Protanomaly**  
815CC8



**Deuteranomaly**  
9E5C9D

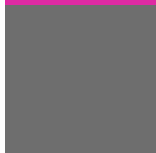


**Tritanomaly**  
DA3E6C

# Monochromacy



**Original Color**  
DE2AA3



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
975581

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE2AA3 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 #DE2AA3 looks like.

```
.text, #text, p{  
    color:#DE2AA3  
}
```

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 #DE2AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE2AA3
}
```

## Border

The CSS property to change the border of an element to Hex DE2AA3 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
#DE2AA3 }
```

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

```
.border{ border-color:#DE2AA3 }
```

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

Here you see how a box with a 4 pixel #DE2AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE2AA3; -webkit-box-shadow:4px 4px  
4px 4px #DE2AA3; box-shadow:4px 4px 4px  
4px #DE2AA3 }
```

# Background

The CSS property to change the background color of an element to Hex DE2AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE2AA3 }
```

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

```
.background{ background-color:#DE2AA3 }
```

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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