

# Converting Colors

Hex(E052DA)

Have a look what the booklet for  
Hex(E052DA) contains.

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# Color

Hex(E052DA)

# Conversions

## Conversions Part 1

Format	Color
Hex	E052DA
RGB	224, 82, 218
RGB Percent	88%, 32%, 85%
CMY	0.1216, 0.6784, 0.1451
CMYK	0.00, 0.63, 0.03, 0.12
HSL	303°, 70%, 60%
HSV	303°, 63%, 88%
XYZ	46.4127, 26.9438, 69.0841
YIQ	139.9620, 40.9760, 72.4000

# Conversions

## Conversions Part 2

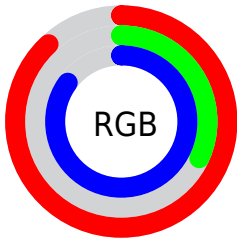
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	224, 82, 218
Decimal	14701274
CIE <sub>Lab</sub>	58.92, 70.79, -42.68
CIE <sub>LCh</sub>	59, 82.664, 328.914
Yxy	26.9438, 0.3258, 0.1892
Android (android.graphics.Color)	4292891354 (0xFFE052DA)
YUV	139.9620, 38.4727, 73.7013
Hunter-Lab	51.9075, 68.7664, -42.5744

# Details

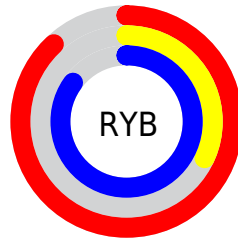
The Hex color **E052DA** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **52E058**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF8CFF**, and **A500A2** is the 20% darker color. If you saturate the color by 10%, you get **E03CD9**, and if you desaturate by 10%, it is **E068DB**.

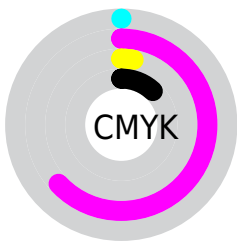
# Distribution



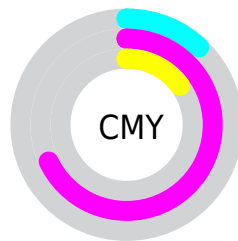
- Red (88%)
- Green (32%)
- Blue (85%)



- Red (88%)
- Yellow (32%)
- Blue (85%)



- Cyan (0%)
- Magenta (63%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (68%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E052DA 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 E052DA by changing the saturation by 10% instead.



 E052DA

 E052DA

FFFFFF

 C232BE

 FF8CFF

 A500A2

 FFA9FF

 890088

 FFC6FF

 6C006E

 FFE4FF

 510055

 38003D

 180026

 00010F

 000000

 E052DA

 E052DA

 E03CD9

 E068DB

 E025D8

 E07FDC

 E00FD7

 E095DD

 E000D7

 E0ACDE

 E0C2DF

 E0D8E0

 E0EFE1

 E0FFE2

 E0FFE3

# Harmonies

## Analogous

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



7E7BFF



E052DA



FF2D94

# Triad

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



E052DA



AE8A00



00ADD2

# Complementary

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



E052DA



52E058

# 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.



00AC89



E052DA



669D00

# Square

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



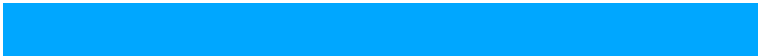
E052DA



E46B00



00A83C



00A7FF

# Rectangle

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



E052DA



FF3564



00A83C



00ADB8



# Sweetspot

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



E052DA



FFCFFD



5752E0



80627E



000000



808080



# Same Dimension

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



E052DA



FF3DF7



E05294



706570



B000A9



30002E



# Inverse Universe

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



E052DA



FF3DF7



52E09E



706570



B000A9



30002E



# Previews

## White Background



This preview shows how the Hex color E052DA 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 E052DA Background



This preview shows how black text looks on a background with the Hex color E052DA.

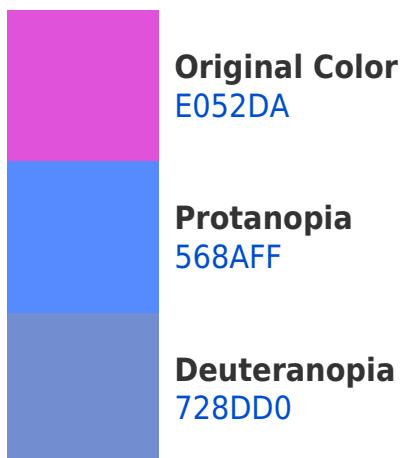


This preview shows how white text looks on a background with the Hex color E052DA.

# 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](#).

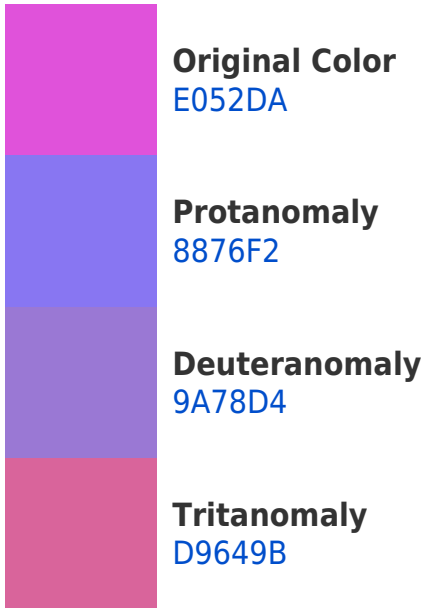
## Dichromacy



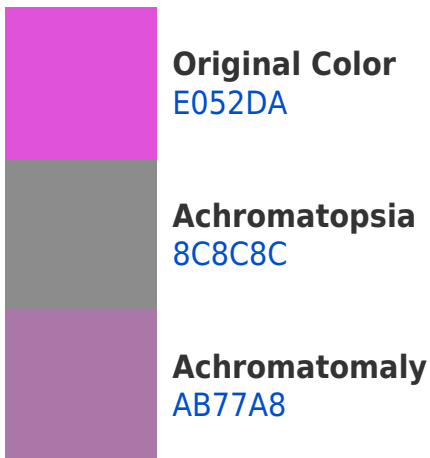


**Tritanopia**  
D56F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E052DA 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 #E052DA looks like.

```
.text, #text, p{  
    color:#E052DA  
}
```

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 #E052DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E052DA
}
```

## Border

The CSS property to change the border of an element to Hex E052DA 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
#E052DA }
```

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

```
.border{ border-color:#E052DA }
```

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

Here you see how a box with a 4 pixel #E052DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E052DA; -webkit-box-shadow:4px 4px  
4px 4px #E052DA; box-shadow:4px 4px 4px  
4px #E052DA }
```

# Background

The CSS property to change the background color of an element to Hex E052DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E052DA }
```

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

```
.background{ background-color:#E052DA }
```

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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