

# Converting Colors

Hex(E952D8)

Have a look what the booklet for  
Hex(E952D8) contains.

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**Color**

**Hex(E952D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E952D8
RGB	233, 82, 216
RGB Percent	91%, 32%, 85%
CMY	0.0863, 0.6784, 0.1529
CMYK	0.00, 0.65, 0.07, 0.09
HSL	307°, 77%, 62%
HSV	307°, 65%, 91%
XYZ	49.0162, 28.3161, 67.8479
YIQ	142.4250, 46.9820, 73.6860

# Conversions

## Conversions Part 2

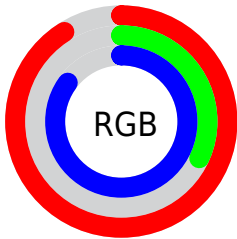
Format	Color
R <sub>YB</sub>	233, 82, 216
Decimal	15291096
CIE <sub>Lab</sub>	60.17, 72.63, -39.49
CIE <sub>LCh</sub>	60, 82.673, 331.464
Yxy	28.3161, 0.3376, 0.1950
Android (android.graphics.Color)	4293481176 (0xFFE952D8)
YUV	142.4250, 36.2725, 79.4343
Hunter-Lab	53.2129, 71.3001, -38.3474

# Details

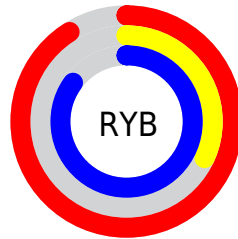
The Hex color **E952D8** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **52E963**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8DFF**, and **AE00A1** is the 20% darker color. If you saturate the color by 10%, you get **E93BD5**, and if you desaturate by 10%, it is **E969DB**.

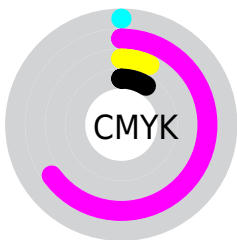
# Distribution



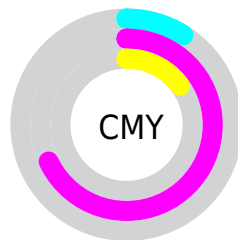
- Red (91%)
- Green (32%)
- Blue (85%)



- Red (91%)
- Yellow (32%)
- Blue (85%)



- Cyan (0%)
- Magenta (65%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (68%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E952D8 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 E952D8 by changing the saturation by 10% instead.



 E952D8

 E952D8

FFFFFF

 CB31BC

 FF8DFF

 AE00A1

 FFAAFF

 910086

 FFC7FF

 74006C

 FFE5FF

 580053

 3F003C

 210025

 00010D

 000000

 E952D8

 E952D8

 E93BD5

 E969DB

 E923D3

 E981DD

 E90CD0

 E998E0

 E900CF

 E9AFE2

 E9C7E5

 E9DEE8

 E9F5EA

 E9FFED

 E9FFF0

# Harmonies

## Analogous

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



8E7CFF



E952D8



FF3291

# Triad

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



E952D8



AC8F00



00B0DC

# Complementary

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



E952D8



52E963

# 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.



00B093



E952D8



62A200

# Square

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



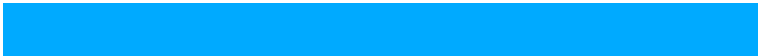
E952D8



E47100



00AC46



00AAFF

# Rectangle

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



E952D8



FF3D61



00AC46



00B1C5



# Sweetspot

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



E952D8



FFCFFA



6152E9



80627C



000000



808080



# Same Dimension

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



E952D8



FF38E9



E9528E



756A74



B500A1



360030



# Inverse Universe

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



E952D8



FF38E9



52E9AD



756A74



B500A1



360030



# Previews

## White Background



This preview shows how the Hex color E952D8 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 E952D8 Background



This preview shows how black text looks on a background with the Hex color E952D8.



This preview shows how white text looks on a background with the Hex color E952D8.

# 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**  
DF6E76

# Trichromacy



**Original Color**  
E952D8



**Protanomaly**  
9078F1



**Deuteranomaly**  
A379D2



**Tritanomaly**  
E3649A

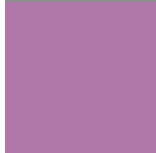
# Monochromacy



**Original Color**  
E952D8



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
AF78A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E952D8 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 #E952D8 looks like.

```
.text, #text, p{  
    color:#E952D8  
}
```

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 #E952D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E952D8
}
```

## Border

The CSS property to change the border of an element to Hex E952D8 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
#E952D8 }
```

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

```
.border{ border-color:#E952D8 }
```

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

Here you see how a box with a 4 pixel #E952D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E952D8; -webkit-box-shadow:4px 4px  
4px 4px #E952D8; box-shadow:4px 4px 4px  
4px #E952D8 }
```

# Background

The CSS property to change the background color of an element to Hex E952D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E952D8 }
```

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

```
.background{ background-color:#E952D8 }
```

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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