

# Converting Colors

Hex(E252E2)

Have a look what the booklet for  
Hex(E252E2) contains.

<b>Hex(E252E2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(E252E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	E252E2
RGB	226, 82, 226
RGB Percent	89%, 32%, 89%
CMY	0.1137, 0.6784, 0.1137
CMYK	0.00, 0.64, 0.00, 0.11
HSL	300°, 71%, 60%
HSV	300°, 64%, 89%
XYZ	48.1088, 27.6943, 74.7614
YIQ	141.4720, 39.6000, 75.3120

# Conversions

## Conversions Part 2

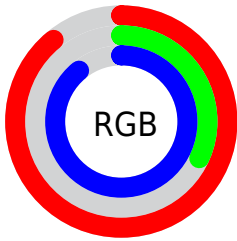
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 82, 226
Decimal	14832354
CIE <sub>Lab</sub>	59.61, 72.56, -46.08
CIE <sub>LCh</sub>	60, 85.955, 327.584
Y <sub>xy</sub>	27.6943, 0.3195, 0.1839
Android (android.graphics.Color)	4293022434 (0xFFE252E2)
Y <sub>UV</sub>	141.4720, 41.6723, 74.1311
Hunter-Lab	52.6254, 71.0857, -47.3916

# Details

The Hex color **E252E2** 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 **52E252**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF8DFF**, and **A700AA** is the 20% darker color. If you saturate the color by 10%, you get **E23BE2**, and if you desaturate by 10%, it is **E269E2**.

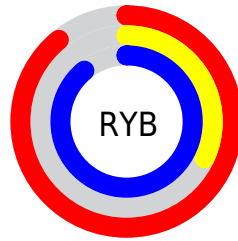
# Distribution



Red (89%)

Green (32%)

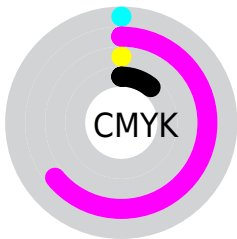
Blue (89%)



Red (89%)

Yellow (32%)

Blue (89%)

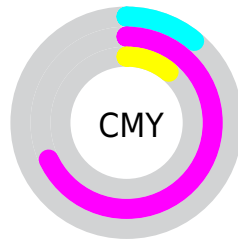


Cyan (0%)

Magenta (64%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (68%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E252E2 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 E252E2 by changing the saturation by 10% instead.



 E252E2

 E252E2

FFFFFF

 C432C6

 FF8DFF

 A700AA

 FFAAFF

 8A008F

 FFC7FF

 6E0075

 FFE4FF

 52005C

 390044

 1A002C

 000116

 000000

 E252E2

 E252E2

 E23BE2

 E269E2

 E225E2

 E27FE2

 E20EE2

 E296E2

 E200E2

 E2ACE2

 E2C3E2

 E2DAE2

 E2F0E2

 E2FFE2

# Harmonies

## Analogous

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



767EFF



E252E2



FF2599

# Triad

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



E252E2



B38B00



00B0D4

# Complementary

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



E252E2



52E252

# 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.



00AF87



E252E2



699F00

# Square

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



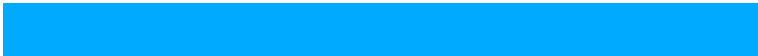
E252E2



EB6900



00AA36



00ABFF

# Rectangle

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



E252E2



FF2D67



00AA36



00B0BB



# Sweetspot

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



E252E2



FFCFFF



5252E2



806280



000000



808080



# Same Dimension

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



E252E2



FF3DFF



E2529A



706570



B000B0



300030



# Inverse Universe

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



E252E2



FF3DFF



52E29A



706570



B000B0

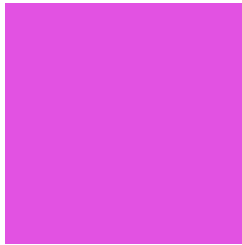


300030



# Previews

## White Background



This preview shows how the Hex color E252E2 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

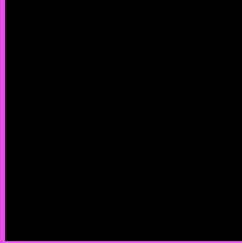
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E252E2 Background



This preview shows how black text looks on a background with the Hex color E252E2.



This preview shows how white text looks on a background with the Hex color E252E2.

# 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**  
D67179

# Trichromacy



**Original Color**  
E252E2



**Protanomaly**  
8B77F4



**Deuteranomaly**  
9979DC



**Tritanomaly**  
DA669F

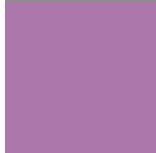
# Monochromacy



**Original Color**  
E252E2



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
AC78AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E252E2 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 #E252E2 looks like.

```
.text, #text, p{  
    color:#E252E2  
}
```

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 #E252E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E252E2
}
```

## Border

The CSS property to change the border of an element to Hex E252E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

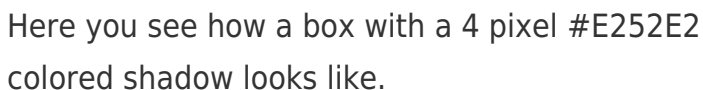
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E252E2 }
```

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

```
.border{ border-color:#E252E2 }
```

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



Here you see how a box with a 4 pixel #E252E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E252E2; -webkit-box-shadow:4px 4px  
4px 4px #E252E2; box-shadow:4px 4px 4px  
4px #E252E2 }
```

# Background

The CSS property to change the background color of an element to Hex E252E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E252E2 }
```

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

```
.background{ background-color:#E252E2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor