

Converting Colors

Hex(E62ECA)

Have a look what the booklet for
Hex(E62ECA) contains.

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Color

Hex(E62ECA)

Conversions

Conversions Part 1

Format	Color
Hex	E62ECA
RGB	230, 46, 202
RGB Percent	90%, 18%, 79%
CMY	0.0980, 0.8196, 0.2078
CMYK	0.00, 0.80, 0.12, 0.10
HSL	309°, 79%, 54%
HSV	309°, 80%, 90%
XYZ	44.2708, 23.0413, 57.9912
YIQ	118.8000, 59.5880, 87.5240

Conversions

Conversions Part 2

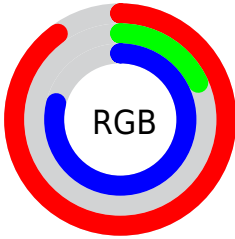
Format	Color
R _{YB}	230, 46, 202
Decimal	15085258
CIE _{Lab}	55.11, 81.05, -39.51
CIE _{LCh}	55, 90.167, 334.015
Yxy	23.0413, 0.3533, 0.1839
Android (android.graphics.Color)	4293275338 (0xFFE62ECA)
YUV	118.8000, 41.0176, 97.5224
Hunter-Lab	48.0013, 80.6253, -38.0283

Details

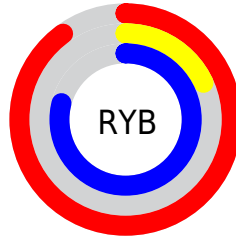
The Hex color **E62ECA** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **2EE64A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF72FF**, and **AA0093** is the 20% darker color. If you saturate the color by 10%, you get **E617C7**, and if you desaturate by 10%, it is **E645CE**.

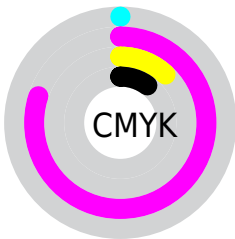
Distribution



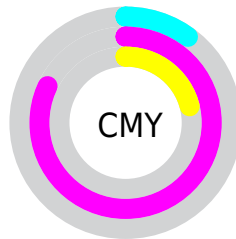
- Red (90%)
- Green (18%)
- Blue (79%)



- Red (90%)
- Yellow (18%)
- Blue (79%)



- Cyan (0%)
- Magenta (80%)
- Yellow (12%)
- Black (10%)



- Cyan (10%)
- Magenta (82%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color E62ECA 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 E62ECA by changing the saturation by 10% instead.

 E62ECA

 E62ECA

FFFFFF

 C800AE

 FF72FF

 AA0093

 FF90FF

 8D0079

 FFAEFF

 700060

 FFCCFF

 530048

 FFEAFF

 380030

 17001A

 000000

 E62ECA

 E62ECA

 E617C7

 E645CE

 E600C3

 E65CD1

 E673D5

 E68AD8

 E6A1DC

 E6B8DF

 E6CFE3

 E6E6E6

 E6FDEA

Harmonies

Analogous

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



8869FF



E62ECA



FF007D

Triad

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



E62ECA



978500



00A4DA

Complementary

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



E62ECA



2EE64A

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.



00A48D



E62ECA



419700

Square

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



E62ECA



D56400



00A039



009EFF

Rectangle

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



E62ECA



FF084A



00A039



00A4C2

Sweetspot

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



E62ECA



FFC2F6



4A2EE6



805B7A



000000



808080

Same Dimension

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



E62ECA



FF0ADA



E62E6E



736771



B30097



33002B

Inverse Universe

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



E62ECA



FF0ADA



2EE6A6



736771



B30097



33002B

Previews

White Background



This preview shows how the Hex color E62ECA 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

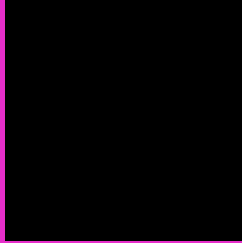
Any Text WCAG AA ✓ Pass

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 E62ECA Background



This preview shows how black text looks on a background with the Hex color E62ECA.



This preview shows how white text looks on a background with the Hex color E62ECA.

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



Trichromacy



Original Color
E62ECA



Protanomaly
7962EC



Deuteranomaly
9964C3



Tritanomaly
E04985

Monochromacy



Original Color
E62ECA



Achromatopsia
777777



Achromatomaly
9F5C95

CSS Examples

Text

The CSS property to change the color of the text to Hex E62ECA 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 #E62ECA looks like.

```
.text, #text, p{  
    color:#E62ECA  
}
```

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 #E62ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E62ECA
}
```

Border

The CSS property to change the border of an element to Hex E62ECA 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
#E62ECA }
```

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

```
.border{ border-color:#E62ECA }
```

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

Here you see how a box with a 4 pixel #E62ECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E62ECA; -webkit-box-shadow:4px 4px  
4px 4px #E62ECA; box-shadow:4px 4px 4px  
4px #E62ECA }
```

Background

The CSS property to change the background color of an element to Hex E62ECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E62ECA }
```

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

```
.background{ background-color:#E62ECA }
```

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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