Converting Colors

Hex(E558E0)

Have a look what the booklet for Hex(E558E0) contains.

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Color

Hex(E558E0)

Conversions

Conversions Part 1

Format	Color
Hex	E558E0
RGB	229, 88, 224
RGB Percent	90%, 35%, 88%
CMY	0.1020, 0.6549, 0.1216
CMYK	0.00, 0.62, 0.02, 0.10
HSL	302°, 73%, 62%
HSV	302°, 62%, 90%
XYZ	49.2574, 29.0193, 73.5261
YIQ	145.6630, 40.3800, 72.1880

Conversions

Conversions Part 2

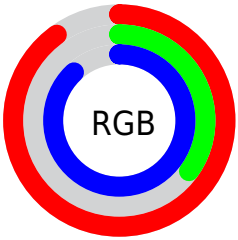
Format	Color
RYB	229, 88, 224
Decimal	15030496
CIELab	60.80, 70.59, -43.05
CIELCh	61, 82.684, 328.621
Yxy	29.0193, 0.3245, 0.1912
Android (android.graphics.Color)	4293220576 (0xFFE558E0)
YUV	145.6630, 38.6201, 73.0865
Hunter-Lab	53.8695, 68.9456, -43.2158

Details

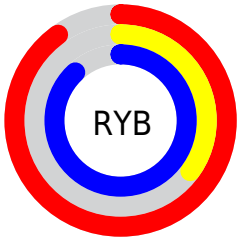
The Hex color E558E0 is a light color, and the websafe version is hex FF66FF. The color can be described as light muted magenta. A complement of this color would be 58E55D, and the grayscale version is 919191.

A 20% lighter version of the original color is FF92FF, and AA0FA8 is the 20% darker color. If you saturate the color by 10%, you get E541DF, and if you desaturate by 10%, it is E56FE1.

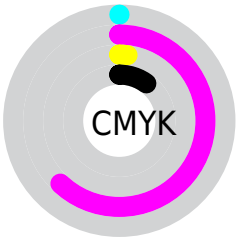
Distribution



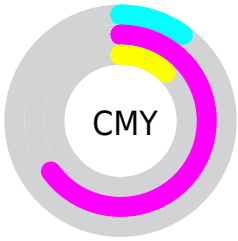
- Red (90%)
- Green (35%)
- Blue (88%)



- Red (90%)
- Yellow (35%)
- Blue (88%)



- Cyan (0%)
- Magenta (62%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (65%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color E558E0 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 E558E0 by changing the saturation by 10% instead.

E558E0

FFFFFF

FF92FF

FFAFFF

FFCCFF

FFEAFF

E558E0

C739C4

AA0FA8

8D008D

710073

55005A

3C0042

1E002B

000115

000000

E558E0

E541DF

E52ADE

E513DE

E500DD

E558E0

E56FE1

E586E2

E59DE2

E5B4E3

E5CBE4

E5E1E5

E5F8E6

E5FFE6

E5FFE7

Harmonies

Analogous

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

8281FF

E558E0

FF3699

Triad

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

E558E0

B48F00

00B2D7

Complementary

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

E558E0

58E55D

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.

00B28D

E558E0

6CA200

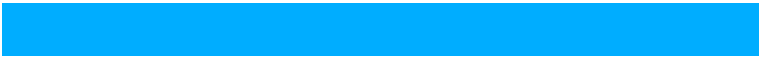
Square

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

E558E0

EB6F00

00AD40



00ADFF

Rectangle

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

E558E0

FF3C69

00AD40

00B3BF

Sweetspot

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

E558E0

FFD1FD

5D58E5

80637F

000000

808080

Same Dimension

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

E558E0

FF42F8

E5589A

736772

B300AC

330031

Inverse Universe

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

E558E0

FF42F8

58E5A3

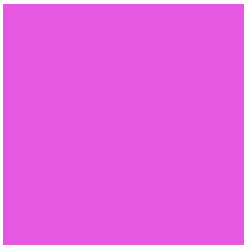
736772

B300AC

330031

Previews

White Background

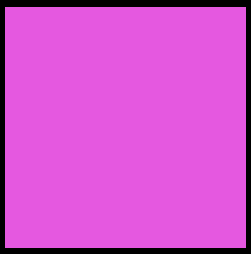


This preview shows how the Hex color E558E0 looks on a white background.

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



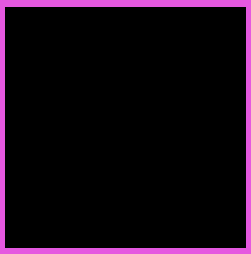
This preview shows how the Hex color E558E0 looks on a black background.

Color Contrast Check

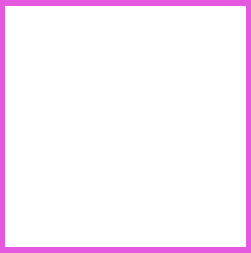
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex E558E0 Background



This preview shows how black text looks on a background with the Hex color E558E0.

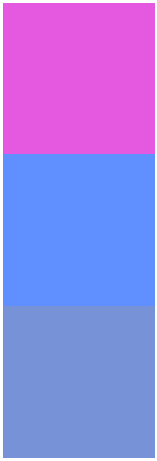


This preview shows how white text looks on a background with the Hex color E558E0.

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



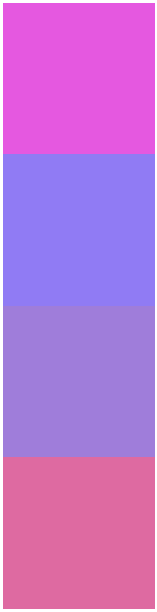
Original Color
E558E0

Protanopia
608FFF

Deuteranopia
7792D6

Tritanopia
DA747D

Trichromacy



Original Color
E558E0

Protanomaly
907BF4

Deuteranomaly
9F7DDA

Tritanomaly
DE6AA1

Monochromacy

Original Color
E558E0

Achromatopsia
929292

Achromatomaly
B07DAE

CSS Examples

Text

The CSS property to change the color of the text to Hex E558E0 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 #E558E0 looks like.

```
.text, #text, p{
    color:#E558E0
}
```

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 #E558E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E558E0
}
```

Border

The CSS property to change the border of an element to Hex E558E0 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
#E558E0 }
```

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

```
.border{ border-color:#E558E0 }
```

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

Here you see how a box with a 4 pixel #E558E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #E558E0; -webkit-box-shadow:4px 4px 4px 4px #E558E0; box-shadow:4px 4px 4px 4px #E558E0 }
```

Background

The CSS property to change the background color of an element to Hex E558E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#E558E0 }
```

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

```
.background{ background-color:#E558E0 }
```

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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