

Converting Colors

Hex(E356E1)

Have a look what the booklet for
Hex(E356E1) contains.

Hex(E356E1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E356E1)

Conversions

Conversions Part 1

Format	Color
Hex	E356E1
RGB	227, 86, 225
RGB Percent	89%, 34%, 88%
CMY	0.1098, 0.6627, 0.1176
CMYK	0.00, 0.62, 0.01, 0.11
HSL	301°, 72%, 61%
HSV	301°, 62%, 89%
XYZ	48.5969, 28.4227, 74.1590
YIQ	144.0050, 39.4170, 73.1210

Conversions

Conversions Part 2

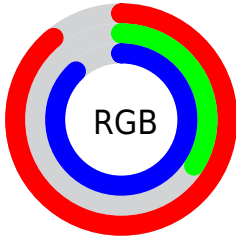
Format	Color
R _Y B	227, 86, 225
Decimal	14898913
CIE Lab	60.27, 71.07, -44.47
CIE LCh	60, 83.837, 327.966
Yxy	28.4227, 0.3215, 0.1880
Android (android.graphics.Color)	4293088993 (0xFFE356E1)
YUV	144.0050, 39.9305, 72.7866
Hunter-Lab	53.3130, 69.4124, -45.1540

Details

The Hex color **E356E1** 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 **56E358**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF90FF**, and **A809A9** is the 20% darker color. If you saturate the color by 10%, you get **E33FE1**, and if you desaturate by 10%, it is **E36DE1**.

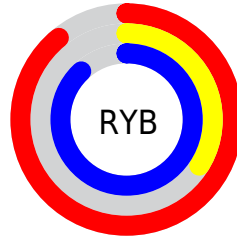
Distribution



Red (89%)

Green (34%)

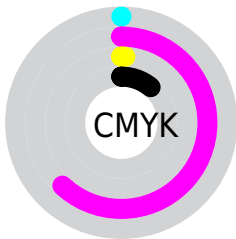
Blue (88%)



Red (89%)

Yellow (34%)

Blue (88%)

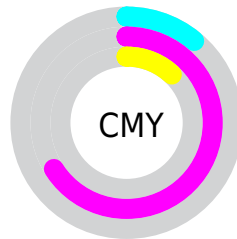


Cyan (0%)

Magenta (62%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (66%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color E356E1 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 E356E1 by changing the saturation by 10% instead.

 E356E1

 E356E1

FFFFFF

 C537C5

 FF90FF

 A809A9

 FFADFF

 8B008E

 FFCAFF

 6F0074

 FFE8FF

 53005B

 3B0043

 1C002C

 000115

 000000

 E356E1

 E356E1

 E33FE1

 E36DE1

 E329E0

 E383E2

 E312E0

 E39AE2

 E300E0

 E3B1E2

 E3C8E3

 E3DEE3

 E3F5E3

 E3FFE4

Harmonies

Analogous

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



7C80FF



E356E1



FF309A

Triad

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



E356E1



B48D00



00B1D5

Complementary

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



E356E1



56E358

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.



00B08A



E356E1



6BA100

Square

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



E356E1



EB6C00



00AC3B



00ACFF

Rectangle

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



E356E1



FF3769



00AC3B



00B1BD

Sweetspot

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



E356E1



FFCFFE



5656E3



80627F



000000



808080

Same Dimension

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



E356E1



FF40FC



E3569D



736773



B300B0



330032

Inverse Universe

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



E356E1



FF40FC



56E39D



736773



B300B0



330032

Previews

White Background



This preview shows how the Hex color E356E1 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

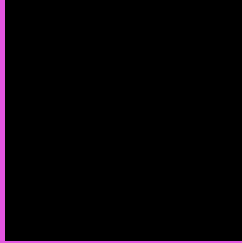
Any Text WCAG AA ✓ Pass

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 E356E1 Background



This preview shows how black text looks on a background with the Hex color E356E1.

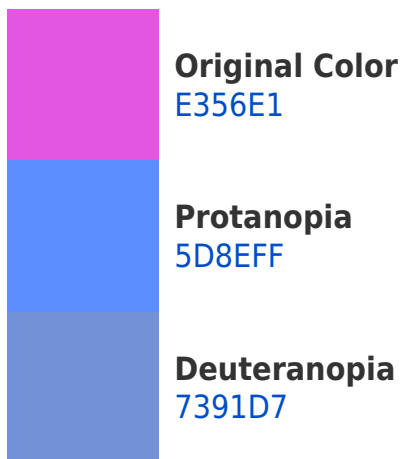


This preview shows how white text looks on a background with the Hex color E356E1.

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
D7737C

Trichromacy



Original Color
E356E1



Protanomaly
8E7AF4



Deuteranomaly
9C7CDB



Tritanomaly
DB68A1

Monochromacy



Original Color
E356E1



Achromatopsia
909090



Achromatomaly
AE7BAD

CSS Examples

Text

The CSS property to change the color of the text to Hex E356E1 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 #E356E1 looks like.

```
.text, #text, p{  
    color:#E356E1  
}
```

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 #E356E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E356E1
}
```

Border

The CSS property to change the border of an element to Hex E356E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

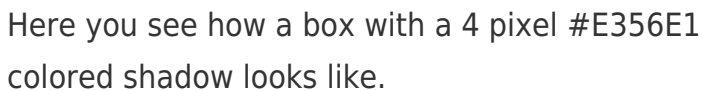
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E356E1 }
```

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

```
.border{ border-color:#E356E1 }
```

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



Here you see how a box with a 4 pixel #E356E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E356E1; -webkit-box-shadow:4px 4px  
4px 4px #E356E1; box-shadow:4px 4px 4px  
4px #E356E1 }
```

Background

The CSS property to change the background color of an element to Hex E356E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E356E1 }
```

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

```
.background{ background-color:#E356E1 }
```

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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