

Converting Colors

Hex(E551E5)

Have a look what the booklet for
Hex(E551E5) contains.

Hex(E551E5)	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(E551E5)

Conversions

Conversions Part 1

Format	Color
Hex	E551E5
RGB	229, 81, 229
RGB Percent	90%, 32%, 90%
CMY	0.1020, 0.6824, 0.1020
CMYK	0.00, 0.65, 0.00, 0.10
HSL	300°, 74%, 61%
HSV	300°, 65%, 90%
XYZ	49.3984, 28.2000, 76.9683
YIQ	142.1240, 40.7000, 77.4040

Conversions

Conversions Part 2

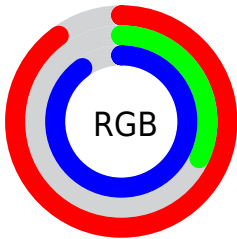
Format	Color
R _{YB}	229, 81, 229
Decimal	15028709
CIE Lab	60.07, 74.12, -47.01
CIE LCh	60, 87.768, 327.616
Yxy	28.2000, 0.3196, 0.1824
Android (android.graphics.Color)	4293218789 (0xFFE551E5)
YUV	142.1240, 42.8299, 76.1903
Hunter-Lab	53.1037, 73.1137, -48.7621

Details

The Hex color **E551E5** 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 **51E551**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8CFF**, and **AA00AD** is the 20% darker color. If you saturate the color by 10%, you get **E53AE5**, and if you desaturate by 10%, it is **E568E5**.

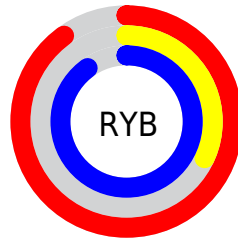
Distribution



Red (90%)

Green (32%)

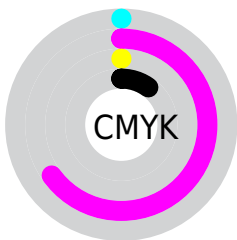
Blue (90%)



Red (90%)

Yellow (32%)

Blue (90%)

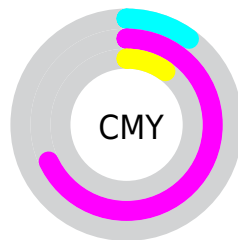


Cyan (0%)

Magenta (65%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (68%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E551E5 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 E551E5 by changing the saturation by 10% instead.

 E551E5

 E551E5

FFFFFF

 C730C9

 FF8CFF

 AA00AD

 FFA9FF

 8D0092

 FFC7FF

 710078

 FFE4FF

 54005E

 3B0046

 1C002E

 000118

 000000

 E551E5

 E551E5

 E53AE5

 E568E5

 E523E5

 E57FE5

 E50CE5

 E596E5

 E500E5

 E5ADE5

 E5C4E5

 E5DAE5

 E5F1E5

 E5FFE5

Harmonies

Analogous

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



767FFF



E551E5



FF1F9A

Triad

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



E551E5



B48C00



00B1D7

Complementary

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



E551E5



51E551

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.



00B188



E551E5



69A100

Square

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



E551E5



EE6900



00AC35



00ACFF

Rectangle

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



E551E5



FF2967



00AC35



00B2BE

Sweetspot

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



E551E5



FFCFFF



5151E5



806280



000000



808080

Same Dimension

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



E551E5



FF38FF



E5519B



736773



B300B3



330033

Inverse Universe

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



E551E5



FF38FF



51E59B



736773



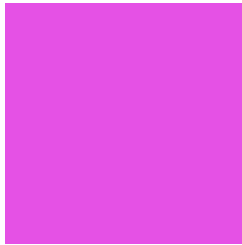
B300B3



330033

Previews

White Background



This preview shows how the Hex color E551E5 looks on a white background.

Color Contrast Check

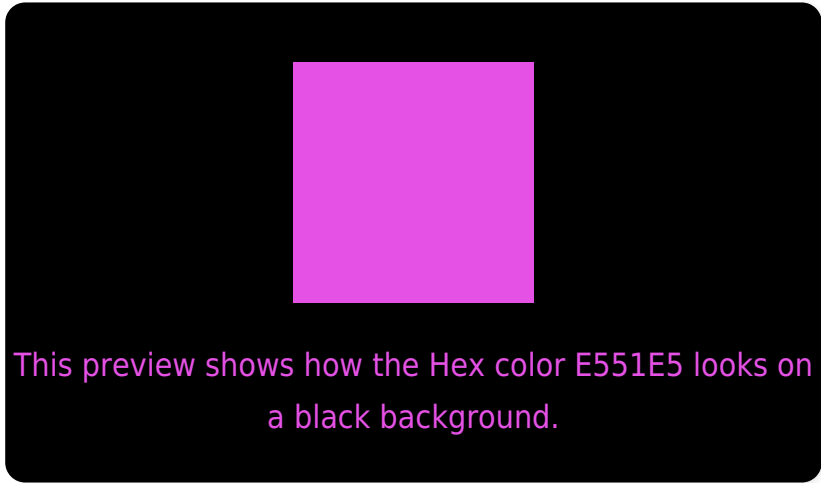
Large Text (above 18pt) WCAG AA ✓ Pass

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

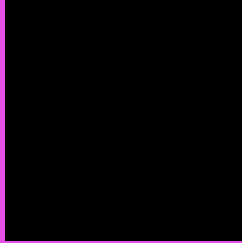
Any Text WCAG AA ✓ Pass

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 E551E5 Background



This preview shows how black text looks on a background with the Hex color E551E5.

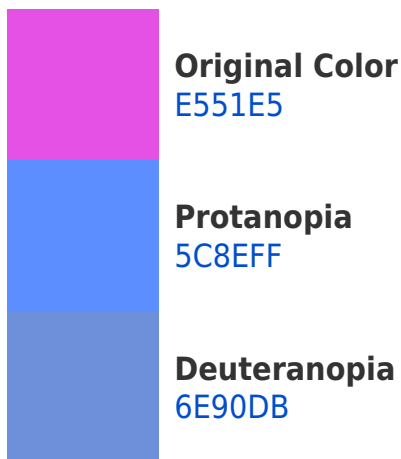


This preview shows how white text looks on a background with the Hex color E551E5.

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
D9727A

Trichromacy



Original Color
E551E5



Protanomaly
8E78F6



Deuteranomaly
9979DF



Tritanomaly
DD66A1

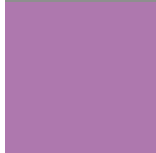
Monochromacy



Original Color
E551E5



Achromatopsia
8E8E8E



Achromatomaly
AE78AE

CSS Examples

Text

The CSS property to change the color of the text to Hex E551E5 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 #E551E5 looks like.

```
.text, #text, p{  
    color:#E551E5  
}
```

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 #E551E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E551E5
}
```

Border

The CSS property to change the border of an element to Hex E551E5 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
#E551E5 }
```

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

```
.border{ border-color:#E551E5 }
```

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

Here you see how a box with a 4 pixel #E551E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E551E5; -webkit-box-shadow:4px 4px  
4px 4px #E551E5; box-shadow:4px 4px 4px  
4px #E551E5 }
```

Background

The CSS property to change the background color of an element to Hex E551E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E551E5 }
```

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

```
.background{ background-color:#E551E5 }
```

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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