

Converting Colors

Hex(E550D3)

Have a look what the booklet for
Hex(E550D3) contains.

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Color

Hex(E550D3)

Conversions

Conversions Part 1

Format	Color
Hex	E550D3
RGB	229, 80, 211
RGB Percent	90%, 31%, 83%
CMY	0.1020, 0.6863, 0.1725
CMYK	0.00, 0.65, 0.08, 0.10
HSL	307°, 74%, 61%
HSV	307°, 65%, 90%
XYZ	46.9396, 27.0985, 64.3846
YIQ	139.4850, 46.7530, 72.3290

Conversions

Conversions Part 2

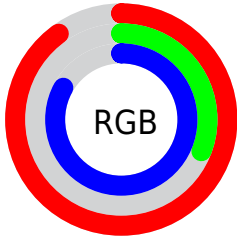
Format	Color
R _Y B	229, 80, 211
Decimal	15028435
CIE Lab	59.07, 71.66, -38.45
CIE LCh	59, 81.322, 331.786
Yxy	27.0985, 0.3391, 0.1958
Android (android.graphics.Color)	4293218515 (0xFFE550D3)
YUV	139.4850, 35.2569, 78.5047
Hunter-Lab	52.0562, 69.8570, -36.8922

Details

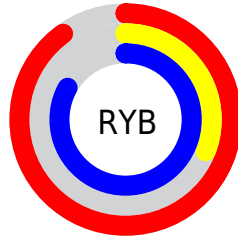
The Hex color **E550D3** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **50E562**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF8BFF**, and **AA009C** is the 20% darker color. If you saturate the color by 10%, you get **E539D0**, and if you desaturate by 10%, it is **E567D6**.

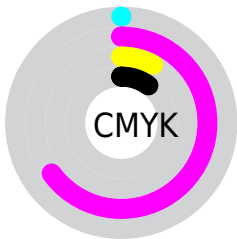
Distribution



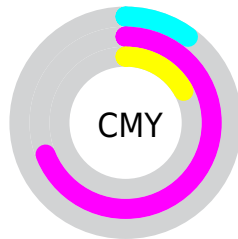
- Red (90%)
- Green (31%)
- Blue (83%)



- Red (90%)
- Yellow (31%)
- Blue (83%)



- Cyan (0%)
- Magenta (65%)
- Yellow (8%)
- Black (10%)



- Cyan (10%)
- Magenta (69%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color E550D3 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 E550D3 by changing the saturation by 10% instead.

 E550D3

 E550D3

FFFFFF

 C72FB7

 FF8BFF

 AA009C

 FFA8FF

 8D0082

 FFC5FF

 710068

 FFE3FF

 55004F

 3C0038

 1D0021

 000006

 000000

 E550D3

 E550D3

 E539D0

 E567D6

 E522CD

 E57ED9

 E50BCB

 E595DB

 E500C9

 E5ACDE

 E5C3E1

 E5D9E4

 E5F0E6

 E5FFE9

 E5FFEC

Harmonies

Analogous

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



8C79FF



E550D3



FF318D

Triad

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



E550D3



A88D00



00ADD8

Complementary

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



E550D3



50E562

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.



00AD91



E550D3



5F9F00

Square

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



E550D3



DF6F00



00A945



00A6FF

Rectangle

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



E550D3



FF3C5E



00A945



00ADC1

Sweetspot

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



E550D3



FFCCF9



6150E5



80617C



000000



808080

Same Dimension

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



E550D3



FF38E7



E55089



736771



B3009D



33002D

Inverse Universe

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



E550D3



FF38E7



50E5AC



736771



B3009D



33002D

Previews

White Background



This preview shows how the Hex color E550D3 looks on a white background.

Color Contrast Check

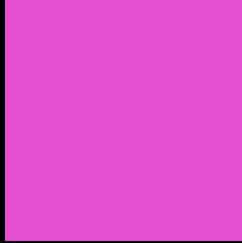
Large Text (above 18pt) WCAG AA ✓ Pass

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 E550D3 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 E550D3 Background



This preview shows how black text looks on a background with the Hex color E550D3.

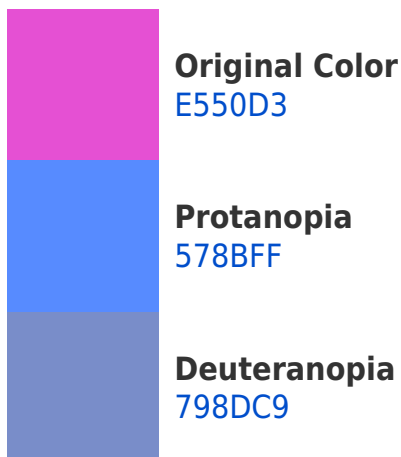



This preview shows how white text looks on a background with the Hex color E550D3.

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
DB6C73

Trichromacy



Original Color
E550D3



Protanomaly
8B76EF



Deuteranomaly
A077CD



Tritanomaly
DF6296

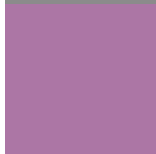
Monochromacy



Original Color
E550D3



Achromatopsia
8B8B8B



Achromatomaly
AC76A5

CSS Examples

Text

The CSS property to change the color of the text to Hex E550D3 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 #E550D3 looks like.

```
.text, #text, p{  
    color:#E550D3  
}
```

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 #E550D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E550D3
}
```

Border

The CSS property to change the border of an element to Hex E550D3 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
#E550D3 }
```

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

```
.border{ border-color:#E550D3 }
```

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

Here you see how a box with a 4 pixel #E550D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E550D3; -webkit-box-shadow:4px 4px  
4px 4px #E550D3; box-shadow:4px 4px 4px  
4px #E550D3 }
```

Background

The CSS property to change the background color of an element to Hex E550D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E550D3 }
```

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

```
.background{ background-color:#E550D3 }
```

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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