

Converting Colors

Hex(E693D3)

Have a look what the booklet for
Hex(E693D3) contains.

Hex(E693D3)	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(E693D3)

Conversions

Conversions Part 1

Format	Color
Hex	E693D3
RGB	230, 147, 211
RGB Percent	90%, 58%, 83%
CMY	0.0980, 0.4235, 0.1725
CMYK	0.00, 0.36, 0.08, 0.10
HSL	314°, 62%, 74%
HSV	314°, 36%, 90%
XYZ	54.8247, 42.3936, 66.9212
YIQ	179.1130, 28.9240, 37.5000

Conversions

Conversions Part 2

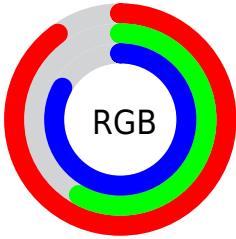
Format	Color
R _Y B	230, 147, 211
Decimal	15111123
CIE Lab	71.14, 40.60, -19.80
CIE LCh	71, 45.175, 334.003
Yxy	42.3936, 0.3340, 0.2583
Android (android.graphics.Color)	4293301203 (0xFFE693D3)
YUV	179.1130, 15.7203, 44.6279
Hunter-Lab	65.1104, 36.3588, -15.3617

Details

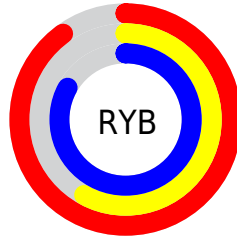
The Hex color **E693D3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93E6A6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCAFF**, and **AD5E9C** is the 20% darker color. If you saturate the color by 10%, you get **E67CCE**, and if you desaturate by 10%, it is **E6AAD8**.

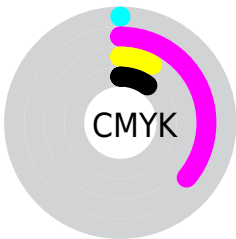
Distribution



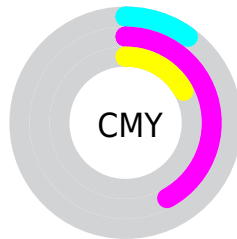
- Red (90%)
- Green (58%)
- Blue (83%)



- Red (90%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (36%)
- Yellow (8%)
- Black (10%)



- Cyan (10%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color E693D3 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 E693D3 by changing the saturation by 10% instead.

 E693D3

 E693D3

FFFFFF

 C978B7

 FFCAFF

 AD5E9C

 FFE7FF

 924582

 772C69

 5D1051

 430039

 2E0024

 01000B

 000000

 E693D3

 E693D3

 E67CCE

 E6AAD8

 E665C8

 E6C1DE

 E64EC3

 E6D8E3

 E637BE

 E6EFE8

 E620B9

 E6FFED

 E609B3

 E6FFF3

 E600B1

 E6FFF8

 E6FFFD

 E6FFFF

Harmonies

Analogous

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



B9A1F2



E693D3



FB8DAA

Triad

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



E693D3



C2AE5A



00C2DB

Complementary

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



E693D3



93E6A6

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.



00C4B3



E693D3



97B968

Square

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



E693D3



E59F65



63C189



00BCF7

Rectangle

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



E693D3



FD8F8F



63C189



00C3CE

Sweetspot

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



E693D3



FFE3F9



A593E6



806F7C



000000



808080

Same Dimension

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



E693D3



FF91E6



E693AB



736770



B3008A



330027

Inverse Universe

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



E693D3



FF91E6



93E6CE



736770



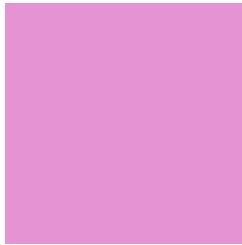
B3008A



330027

Previews

White Background



This preview shows how the Hex color E693D3 looks on a white background.

Color Contrast Check

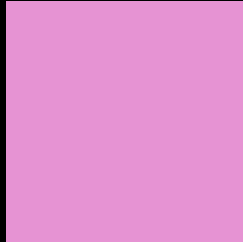
Large Text (above 18pt) WCAG AA × Fail

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 E693D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

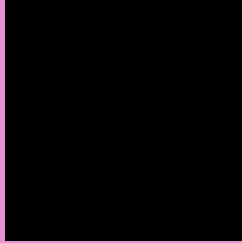
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E693D3 Background



This preview shows how black text looks on a background with the Hex color E693D3.

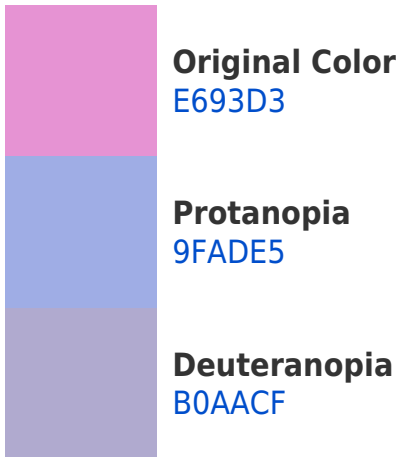


This preview shows how white text looks on a background with the Hex color E693D3.

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
E19BA7

Trichromacy



Original Color
E693D3



Protanomaly
B9A4DE



Deuteranomaly
C4A2D0



Tritanomaly
E398B7

Monochromacy



Original Color
E693D3



Achromatopsia
B3B3B3



Achromatomaly
C6A7BF

CSS Examples

Text

The CSS property to change the color of the text to Hex E693D3 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 #E693D3 looks like.

```
.text, #text, p{  
    color:#E693D3  
}
```

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 #E693D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E693D3
}
```

Border

The CSS property to change the border of an element to Hex E693D3 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
#E693D3 }
```

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

```
.border{ border-color:#E693D3 }
```

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

Here you see how a box with a 4 pixel #E693D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E693D3; -webkit-box-shadow:4px 4px  
4px 4px #E693D3; box-shadow:4px 4px 4px  
4px #E693D3 }
```

Background

The CSS property to change the background color of an element to Hex E693D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E693D3 }
```

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

```
.background{ background-color:#E693D3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor