

Converting Colors

Hex(E3949D)

Have a look what the booklet for
Hex(E3949D) contains.

Hex(E3949D)	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(E3949D)

Conversions

Conversions Part 1

Format	Color
Hex	E3949D
RGB	227, 148, 157
RGB Percent	89%, 58%, 62%
CMY	0.1098, 0.4196, 0.3843
CMYK	0.00, 0.35, 0.31, 0.11
HSL	353°, 59%, 74%
HSV	353°, 35%, 89%
XYZ	48.3543, 39.9450, 37.0599
YIQ	172.6470, 44.1950, 19.5470

Conversions

Conversions Part 2

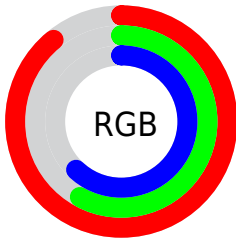
Format	Color
R _Y B	227, 148, 157
Decimal	14914717
CIE Lab	69.43, 30.92, 7.65
CIE LCh	69, 31.848, 13.904
Yxy	39.9450, 0.3857, 0.3186
Android (android.graphics.Color)	4293104797 (0xFFE3949D)
YUV	172.6470, -7.7140, 47.6676
Hunter-Lab	63.2021, 25.9621, 9.4755

Details

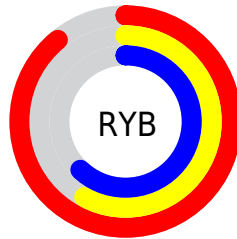
The Hex color **E3949D** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **94E3DA**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFCBD3**, and **AA606A** is the 20% darker color. If you saturate the color by 10%, you get **E37D89**, and if you desaturate by 10%, it is **E3ABB1**.

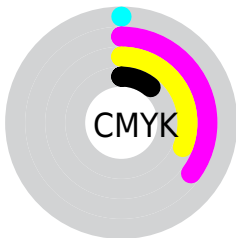
Distribution



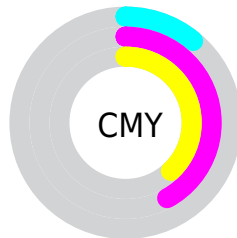
- Red (89%)
- Green (58%)
- Blue (62%)



- Red (89%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3949D 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 E3949D by changing the saturation by 10% instead.

 E3949D

 E3949D

FFFFFF

 C67A83

 FFCBD3

 AA606A

 FFE7F0

 8E4752

 732F3B

 581725

 3F0010

 290001

 000000

 E3949D

 E3949D

 E37D89

 E3ABB1

 E36775

 E3C1C5

 E35061

 E3D8D9

 E3394D

 E3EFED

 E32338

 E3FFFF

 E30C24

 E3001A

Harmonies

Analogous

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



D996BA



E3949D



DE9983

Triad

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



E3949D



90B47F



6BB1E0

Complementary

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



E3949D



94E3DA

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.



4BB7D1



E3949D



6DB899

Square

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



E3949D



B0AC71



50B9B6



97A8E1

Rectangle

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



E3949D



D39F76



50B9B6



5EB3DD

Sweetspot

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



E3949D



FFE6E8



DA94E3



807072



000000



808080

Same Dimension

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



E3949D



FF94A0



E3B294



736769



B30014



330006

Inverse Universe

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



E3949D



FF94A0



94C5E3



736769



B30014



330006

Previews

White Background



This preview shows how the Hex color E3949D looks on a white background.

Color Contrast Check

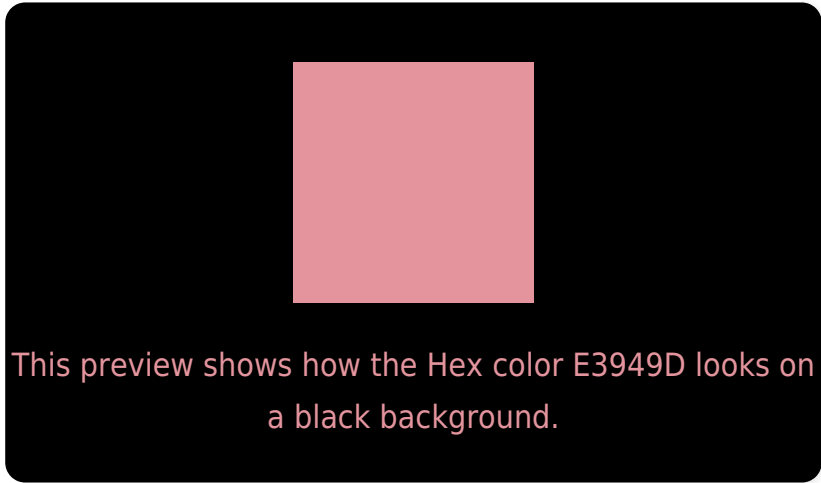
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 E3949D Background



This preview shows how black text looks on a background with the Hex color E3949D.

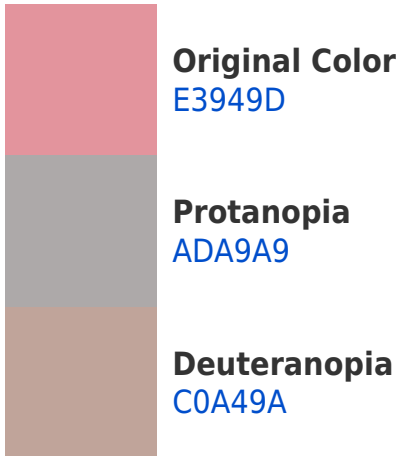


This preview shows how white text looks on a background with the Hex color E3949D.

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
E3949F

Trichromacy



Original Color
E3949D

Protanomaly
C1A1A5

Deuteranomaly
CD9E9B

Tritanomaly
E3949E

Monochromacy



Original Color
E3949D

Achromatopsia
ADADAD

Achromatomaly
C1A4A7

CSS Examples

Text

The CSS property to change the color of the text to Hex E3949D 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 #E3949D looks like.

```
.text, #text, p{  
    color:#E3949D  
}
```

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 #E3949D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3949D
}
```

Border

The CSS property to change the border of an element to Hex E3949D 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
#E3949D }
```

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

```
.border{ border-color:#E3949D }
```

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

Here you see how a box with a 4 pixel #E3949D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3949D; -webkit-box-shadow:4px 4px  
4px 4px #E3949D; box-shadow:4px 4px 4px  
4px #E3949D }
```

Background

The CSS property to change the background color of an element to Hex E3949D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3949D }
```

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

```
.background{ background-color:#E3949D }
```

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