

# Converting Colors

Hex(E2968C)

Have a look what the booklet for  
Hex(E2968C) contains.

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# **Color**

**Hex(E2968C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2968C
RGB	226, 150, 140
RGB Percent	89%, 59%, 55%
CMY	0.1137, 0.4118, 0.4510
CMYK	0.00, 0.34, 0.38, 0.11
HSL	7°, 60%, 72%
HSV	7°, 38%, 89%
XYZ	47.0040, 39.8749, 30.0302
YIQ	171.5840, 48.5060, 13.0020

# Conversions

## Conversions Part 2

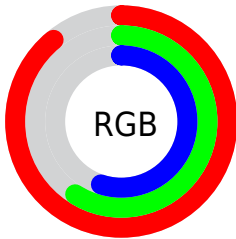
Format	Color
R <sub>Y</sub> B	226, 151, 140
Decimal	14849676
CIE Lab	69.38, 27.38, 17.02
CIE LCh	69, 32.240, 31.869
Yxy	39.8749, 0.4021, 0.3411
Android (android.graphics.Color)	4293039756 (0xFFE2968C)
YUV	171.5840, -15.5709, 47.7228
Hunter-Lab	63.1466, 22.3624, 16.0065

# Details

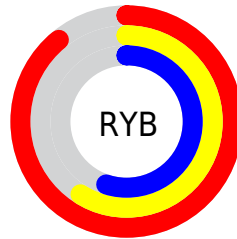
The Hex color **E2968C** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **8CD8E2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCDC2**, and **A8625A** is the 20% darker color. If you saturate the color by 10%, you get **E28275**, and if you desaturate by 10%, it is **E2AAA3**.

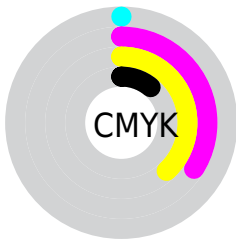
# Distribution



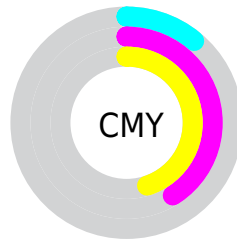
- Red (89%)
- Green (59%)
- Blue (55%)



- Red (89%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (34%)
- Yellow (38%)
- Black (11%)



- Cyan (11%)
- Magenta (41%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2968C 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 E2968C by changing the saturation by 10% instead.



 E2968C

 E2968C

FFFFFF

 C57C72


 FFCDC2

 A8625A

 FFE9DD

 8C4A42

 FFFFFA

 71322C

 561B18

 3D0300

 260001

 000000

 E2968C

 E2968C

 E28275

 E2AAA3

 E26E5F

 E2BEB9

 E25A48

 E2D2D0

 E24632

 E2E6E6

 E2321B

 E2FAFD

 E21E04

 E2FFFF

 E21A00

# Harmonies

## Analogous

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



E193A9



E2968C



D49E77

# Triad

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



E2968C



7AB78D



85ACE3

# Complementary

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



E2968C



8CD8E2

# 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.



5AB4DC



E2968C



59B9AA

# Square

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



E2968C



9DB177



46B8C7



B0A1DB

# Rectangle

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



E2968C



C5A570



46B8C7



76AFE3

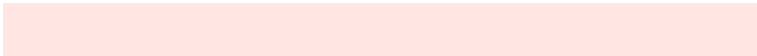


# Sweetspot

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



E2968C



FFE6E3



E28CD9



80716F



000000



808080



# Same Dimension

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



E2968C



FF978A



E2C08C



706665



B01400



300600

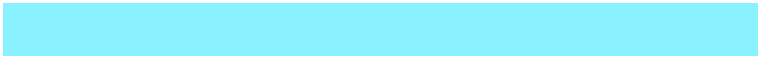


# Inverse Universe

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



8CD8E2



8AF1FF



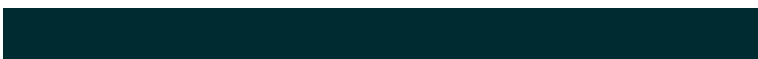
8CAEE2



656F70



009BB0



002B30



# Previews

## White Background



This preview shows how the Hex color E2968C 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 E2968C Background



This preview shows how black text looks on a background with the Hex color E2968C.



This preview shows how white text looks on a background with the Hex color E2968C.

# 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**  
E4939E

# Trichromacy



**Original Color**  
E2968C

**Protanomaly**  
C3A292

**Deuteranomaly**  
D09E8B

**Tritanomaly**  
E39497

# Monochromacy



**Original Color**  
E2968C

**Achromatopsia**  
ACACAC

**Achromatomaly**  
C0A4A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2968C 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 #E2968C looks like.

```
.text, #text, p{  
    color:#E2968C  
}
```

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 #E2968C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2968C
}
```

## Border

The CSS property to change the border of an element to Hex E2968C is called "border". The border property can be set on classes, ids or directly on the HTML element.

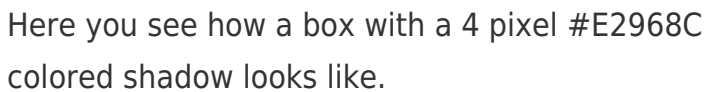
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2968C }
```

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

```
.border{ border-color:#E2968C }
```

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



Here you see how a box with a 4 pixel #E2968C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2968C; -webkit-box-shadow:4px 4px  
4px 4px #E2968C; box-shadow:4px 4px 4px  
4px #E2968C }
```

# Background

The CSS property to change the background color of an element to Hex E2968C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2968C }
```

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

```
.background{ background-color:#E2968C }
```

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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