

Converting Colors

Hex(E828C8)

Have a look what the booklet for
Hex(E828C8) contains.

Hex(E828C8)	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(E828C8)

Conversions

Conversions Part 1

Format	Color
Hex	E828C8
RGB	232, 40, 200
RGB Percent	91%, 16%, 78%
CMY	0.0902, 0.8431, 0.2157
CMYK	0.00, 0.83, 0.14, 0.09
HSL	310°, 81%, 53%
HSV	310°, 83%, 91%
XYZ	44.4628, 22.8435, 56.7094
YIQ	115.6480, 63.0720, 90.4640

Conversions

Conversions Part 2

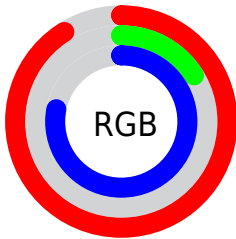
Format	Color
R _Y B	232, 40, 200
Decimal	15214792
CIE Lab	54.91, 82.49, -38.65
CIE LCh	55, 91.099, 334.893
Yxy	22.8435, 0.3585, 0.1842
Android (android.graphics.Color)	4293404872 (0xFFE828C8)
YUV	115.6480, 41.5855, 102.0407
Hunter-Lab	47.7949, 82.4146, -36.8921

Details

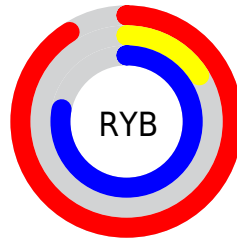
The Hex color **E828C8** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **28E848**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF6FFF**, and **AC0091** is the 20% darker color. If you saturate the color by 10%, you get **E811C4**, and if you desaturate by 10%, it is **E83FCC**.

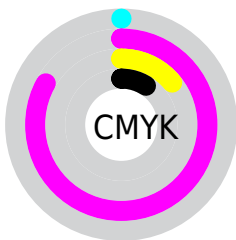
Distribution



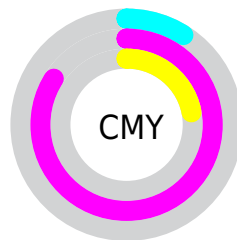
- Red (91%)
- Green (16%)
- Blue (78%)



- Red (91%)
- Yellow (16%)
- Blue (78%)



- Cyan (0%)
- Magenta (83%)
- Yellow (14%)
- Black (9%)



- Cyan (9%)
- Magenta (84%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color E828C8 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 E828C8 by changing the saturation by 10% instead.

 E828C8

 E828C8

FFFFFF

 CA00AC

 FF6FFF

 AC0091

 FF8EFF

 8E0077

 FFACFF

 71005E

 FFCAFF

 550046

 FFE8FF

 39002F

 180019

 000000

 E828C8

 E828C8

 E811C4

 E83FCC

 E800C1

 E856D0

 E86ED4

 E885D7

 E89CDB

 E8B3DF

 E8CAE3

 E8E2E7

 E8F9EB

Harmonies

Analogous

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



8B67FF



E828C8



FF007A

Triad

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



E828C8



958500



00A3DD

Complementary

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



E828C8



28E848

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.



00A38F



E828C8



3B9700

Square

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



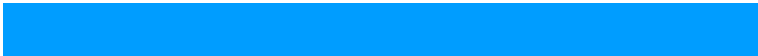
E828C8



D36400



00A03A



009DFF

Rectangle

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



E828C8



FF0247



00A03A



00A4C4

Sweetspot

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



E828C8



FFBFF4



4828E8



805979



000000



808080

Same Dimension

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



E828C8



FF03D5



E82868



736771



B30095



33002A

Inverse Universe

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



E828C8



FF03D5



28E8A8



736771



B30095



33002A

Previews

White Background



This preview shows how the Hex color E828C8 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 E828C8 Background



This preview shows how black text looks on a background with the Hex color E828C8.




This preview shows how white text looks on a background with the Hex color E828C8.

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
DE555A

Trichromacy



Original Color
E828C8



Protanomaly
7960EB



Deuteranomaly
9A62C0



Tritanomaly
E24582

Monochromacy



Original Color
E828C8



Achromatopsia
747474



Achromatomaly
9E5893

CSS Examples

Text

The CSS property to change the color of the text to Hex E828C8 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 #E828C8 looks like.

```
.text, #text, p{  
  color:#E828C8  
}
```

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 #E828C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E828C8
}
```

Border

The CSS property to change the border of an element to Hex E828C8 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
#E828C8 }
```

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

```
.border{ border-color:#E828C8 }
```

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

Here you see how a box with a 4 pixel #E828C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E828C8; -webkit-box-shadow:4px 4px  
4px 4px #E828C8; box-shadow:4px 4px 4px  
4px #E828C8 }
```

Background

The CSS property to change the background color of an element to Hex E828C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E828C8 }
```

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

```
.background{ background-color:#E828C8 }
```

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