

Converting Colors

Hex(E13D82)

Have a look what the booklet for
Hex(E13D82) contains.

Hex(E13D82)	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(E13D82)

Conversions

Conversions Part 1

Format	Color
Hex	E13D82
RGB	225, 61, 130
RGB Percent	88%, 24%, 51%
CMY	0.1176, 0.7608, 0.4902
CMYK	0.00, 0.73, 0.42, 0.12
HSL	335°, 73%, 56%
HSV	335°, 73%, 88%
XYZ	36.7493, 20.9567, 23.2272
YIQ	117.9020, 75.5950, 56.2270

Conversions

Conversions Part 2

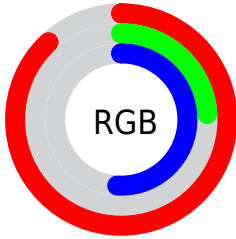
Format	Color
R_{YB}	225, 61, 130
Decimal	14761346
CIE _{Lab}	52.90, 67.26, -0.71
CIE _{LCh}	53, 67.268, 359.399
Yxy	20.9567, 0.4541, 0.2589
Android (android.graphics.Color)	4292951426 (0xFFE13D82)
YUV	117.9020, 5.9643, 93.9249
Hunter-Lab	45.7785, 63.1809, 1.9622

Details

The Hex color **E13D82** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **3DE19C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF79B7**, and **A40051** is the 20% darker color. If you saturate the color by 10%, you get **E12775**, and if you desaturate by 10%, it is **E1548F**.

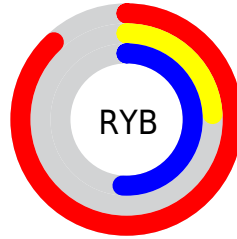
Distribution



Red (88%)

Green (24%)

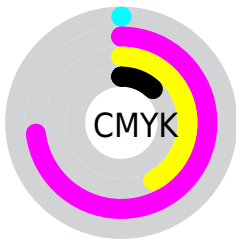
Blue (51%)



Red (88%)

Yellow (24%)

Blue (51%)

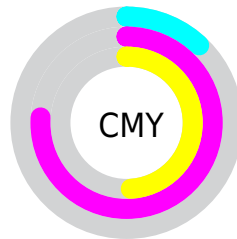


Cyan (0%)

Magenta (73%)

Yellow (42%)

Black (12%)



Cyan (12%)

Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color E13D82 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 E13D82 by changing the saturation by 10% instead.

 E13D82

 E13D82

FFFFFF

 C21569

 FF79B7

 A40051

 FF96D2

 87003A

 FFB3EF

 690025

 FFD0FF

 4D000F

 FFE0FF

 300002

 000000

 E13D82

 E13D82

 E12775

 E1548F

 E11068

 E16A9C

 E1005F

 E181A9

 E197B6

 E1ADC3

 E1C4D0

 E1DBDD

 E1F1EA

 E1FFF7

Harmonies

Analogous

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



C152BA



E13D82



E04849

Triad

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



E13D82



608B00



0093E2

Complementary

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



E13D82



3DE19C

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.



0098B6



E13D82



00943F

Square

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



E13D82



997B00



00987B



0086F3

Rectangle

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



E13D82



D05A25



00987B



0095D6

Sweetspot

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



E13D82



FFC7DF



9A3DE1



805E6C



000000



808080

Same Dimension

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



E13D82



FF217E



E1483D



70656A



B0004A



300014

Inverse Universe

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



E13D82



FF217E



3DD6E1



70656A



B0004A



300014

Previews

White Background



This preview shows how the Hex color E13D82 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 E13D82 Background



This preview shows how black text looks on a background with the Hex color E13D82.

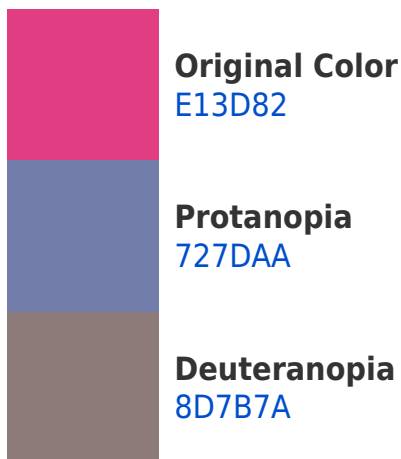


This preview shows how white text looks on a background with the Hex color E13D82.

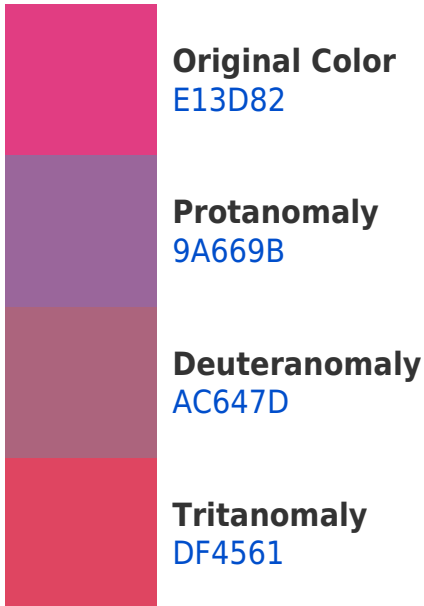
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E13D82 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 #E13D82 looks like.

```
.text, #text, p{  
    color:#E13D82  
}
```

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 #E13D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E13D82
}
```

Border

The CSS property to change the border of an element to Hex E13D82 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
#E13D82 }
```

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

```
.border{ border-color:#E13D82 }
```

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

Here you see how a box with a 4 pixel #E13D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E13D82; -webkit-box-shadow:4px 4px  
4px 4px #E13D82; box-shadow:4px 4px 4px  
4px #E13D82 }
```

Background

The CSS property to change the background color of an element to Hex E13D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E13D82 }
```

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

```
.background{ background-color:#E13D82 }
```

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