

Converting Colors

Hex(E080A5)

Have a look what the booklet for
Hex(E080A5) contains.

Hex(E080A5)	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(E080A5)

Conversions

Conversions Part 1

Format	Color
Hex	E080A5
RGB	224, 128, 165
RGB Percent	88%, 50%, 65%
CMY	0.1216, 0.4980, 0.3529
CMYK	0.00, 0.43, 0.26, 0.12
HSL	337°, 61%, 69%
HSV	337°, 43%, 88%
XYZ	45.2512, 34.0022, 39.7754
YIQ	160.9220, 45.3390, 31.8590

Conversions

Conversions Part 2

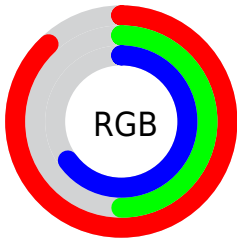
Format	Color
R_{YB}	224, 128, 165
Decimal	14712997
CIE _{Lab}	64.96, 41.44, -3.38
CIE _{LCh}	65, 41.575, 355.340
Yxy	34.0022, 0.3802, 0.2857
Android (android.graphics.Color)	4292903077 (0xFFE080A5)
YUV	160.9220, 2.0105, 55.3194
Hunter-Lab	58.3114, 36.4755, 0.3751

Details

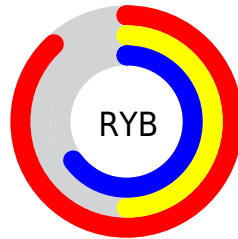
The Hex color **E080A5** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80E0BB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB7DC**, and **A74C71** is the 20% darker color. If you saturate the color by 10%, you get **E06A97**, and if you desaturate by 10%, it is **E096B3**.

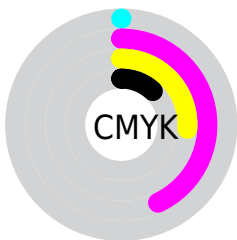
Distribution



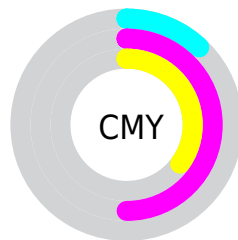
- Red (88%)
- Green (50%)
- Blue (65%)



- Red (88%)
- Yellow (50%)
- Blue (65%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (12%)



- Cyan (12%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color E080A5 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 E080A5 by changing the saturation by 10% instead.

 E080A5

 E080A5

FFFFFF

 C3668B

 FFB7DC

 A74C71

 FFD3F8

 8B3259

 FFF0FF

 6F1742

 55002C

 3B0017

 220001

 000000

 E080A5

 E080A5

 E06A97

 E096B3

 E05389

 E0ADC1

 E03D7C

 E0C3CE

 E0266E

 E0DADC

 E01060

 E0F0EA

 E00056

 E0FFF8

 E0FFFF

Harmonies

Analogous

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



C788C8



E080A5



E48280

Triad

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



E080A5



95A559



00ACDA

Complementary

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



E080A5



80E0BB

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.



00B1BC



E080A5



69AD72

Square

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



E080A5



BA9A52



29B196



55A3E7

Rectangle

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



E080A5



DD886A



29B196



00AED1

Sweetspot

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



E080A5



FFDEEB



BA80E0



806B73



000000



808080

Same Dimension

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



E080A5



FF7DAF



E08A80



706569



B00044



300013

Inverse Universe

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



E080A5



FF7DAF



80D6E0



706569



B00044



300013

Previews

White Background



This preview shows how the Hex color E080A5 looks on a white background.

Color Contrast Check

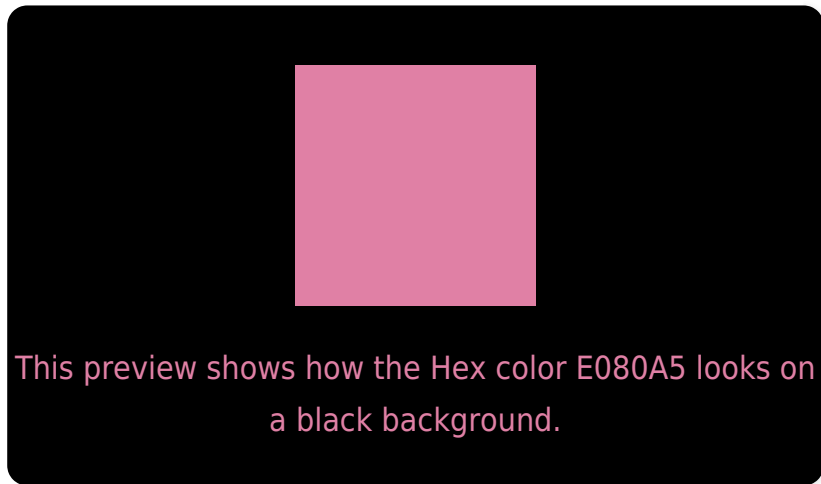
Large Text (above 18pt) WCAG AA × Fail

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 E080A5 Background



This preview shows how black text looks on a background with the Hex color E080A5.




This preview shows how white text looks on a background with the Hex color E080A5.

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
DE848E

Trichromacy



Original Color
E080A5



Protanomaly
B392B0



Deuteranomaly
BF90A2



Tritanomaly
DF8396

Monochromacy



Original Color
E080A5



Achromatopsia
A1A1A1



Achromatomaly
B895A2

CSS Examples

Text

The CSS property to change the color of the text to Hex E080A5 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 #E080A5 looks like.

```
.text, #text, p{  
    color:#E080A5  
}
```

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 #E080A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E080A5
}
```

Border

The CSS property to change the border of an element to Hex E080A5 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
#E080A5 }
```

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

```
.border{ border-color:#E080A5 }
```

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

Here you see how a box with a 4 pixel #E080A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E080A5; -webkit-box-shadow:4px 4px  
4px 4px #E080A5; box-shadow:4px 4px 4px  
4px #E080A5 }
```

Background

The CSS property to change the background color of an element to Hex E080A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E080A5 }
```

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

```
.background{ background-color:#E080A5 }
```

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