

Converting Colors

Hex(E064A8)

Have a look what the booklet for
Hex(E064A8) contains.

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Color

Hex(E064A8)

Conversions

Conversions Part 1

Format	Color
Hex	E064A8
RGB	224, 100, 168
RGB Percent	88%, 39%, 66%
CMY	0.1216, 0.6078, 0.3412
CMYK	0.00, 0.55, 0.25, 0.12
HSL	327°, 67%, 64%
HSV	327°, 55%, 88%
XYZ	42.3655, 27.7888, 40.1767
YIQ	144.8280, 52.0760, 47.4360

Conversions

Conversions Part 2

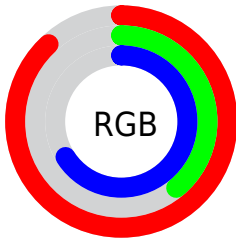
Format	Color
R _{YB}	224, 100, 168
Decimal	14705832
CIE _{Lab}	59.70, 55.66, -12.94
CIE _{LCh}	60, 57.141, 346.914
Yxy	27.7888, 0.3840, 0.2519
Android (android.graphics.Color)	4292895912 (0xFFE064A8)
YUV	144.8280, 11.4238, 69.4338
Hunter-Lab	52.7151, 51.2037, -8.2872

Details

The Hex color **E064A8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64E09C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9BDF**, and **A62B74** is the 20% darker color. If you saturate the color by 10%, you get **E04E9E**, and if you desaturate by 10%, it is **E07AB2**.

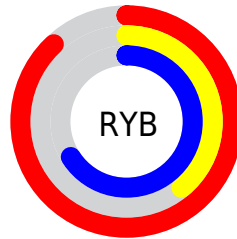
Distribution



Red (88%)

Green (39%)

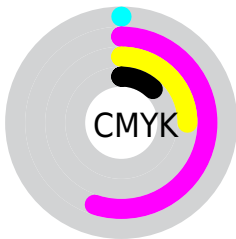
Blue (66%)



Red (88%)

Yellow (39%)

Blue (66%)

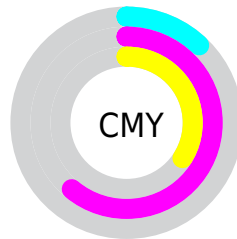


Cyan (0%)

Magenta (55%)

Yellow (25%)

Black (12%)



Cyan (12%)

Magenta (61%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color E064A8 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 E064A8 by changing the saturation by 10% instead.

 E064A8

 E064A8

FFFFFF

 C3488E

 FF9BDF

 A62B74

 FFB8FC

 89015B

 FFD4FF

 6D0044

 FFF2FF

 52002D

 3A0019

 180001

 000000

 E064A8

 E064A8

 E04E9E

 E07AB2

 E03794

 E091BC

 E0218A

 E0A7C6

 E00A80

 E0BED0

 E0007B

 E0D4DB

 E0EAE5

 E0FFEF

 E0FFF9

 E0FFFF

Harmonies

Analogous

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



B676D5



E064A8



EC6275

Triad

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



E064A8



8F9625



00A5D8

Complementary

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



E064A8



64E09C

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.



00A8AC



E064A8



54A147

Square

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



E064A8



BD8527



00A777



009CF2

Rectangle

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



E064A8



E56B56



00A777



00A6CB

Sweetspot

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



E064A8



FFD4EB



9C64E0



806674



000000



808080

Same Dimension

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



E064A8



FF57B3



E0646A



70656B



B00060



30001B

Inverse Universe

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



E064A8



FF57B3



64E0DA



70656B



B00060



30001B

Previews

White Background



This preview shows how the Hex color E064A8 looks on a white background.

Color Contrast Check

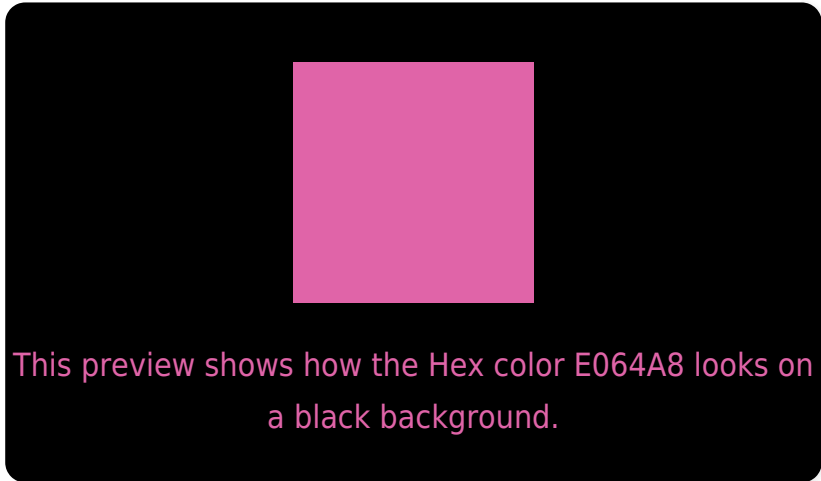
Large Text (above 18pt) WCAG AA ✓ Pass

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 E064A8 Background



This preview shows how black text looks on a background with the Hex color E064A8.

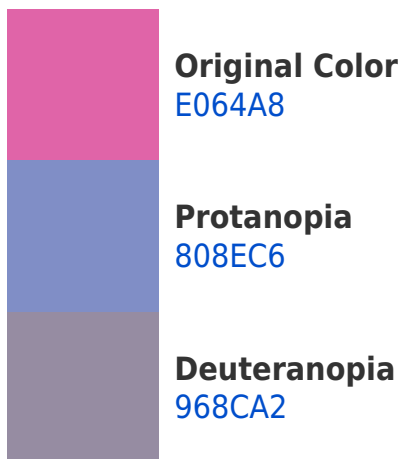


This preview shows how white text looks on a background with the Hex color E064A8.

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
DB6F77

Trichromacy



Original Color
E064A8



Protanomaly
A37FBB



Deuteranomaly
B17DA4

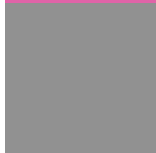


Tritanomaly
DD6B89

Monochromacy



Original Color
E064A8



Achromatopsia
919191



Achromatomaly
AE8199

CSS Examples

Text

The CSS property to change the color of the text to Hex E064A8 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 #E064A8 looks like.

```
.text, #text, p{  
    color:#E064A8  
}
```

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 #E064A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E064A8
}
```

Border

The CSS property to change the border of an element to Hex E064A8 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
#E064A8 }
```

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

```
.border{ border-color:#E064A8 }
```

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

Here you see how a box with a 4 pixel #E064A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E064A8; -webkit-box-shadow:4px 4px  
4px 4px #E064A8; box-shadow:4px 4px 4px  
4px #E064A8 }
```

Background

The CSS property to change the background color of an element to Hex E064A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E064A8 }
```

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

```
.background{ background-color:#E064A8 }
```

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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