

Converting Colors

Hex(E21873)

Have a look what the booklet for
Hex(E21873) contains.

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Color

Hex(E21873)

Conversions

Conversions Part 1

Format	Color
Hex	E21873
RGB	226, 24, 115
RGB Percent	89%, 9%, 45%
CMY	0.1137, 0.9059, 0.5490
CMYK	0.00, 0.89, 0.49, 0.11
HSL	333°, 81%, 49%
HSV	333°, 89%, 89%
XYZ	34.7852, 18.0598, 17.8722
YIQ	94.7720, 91.1810, 71.1250

Conversions

Conversions Part 2

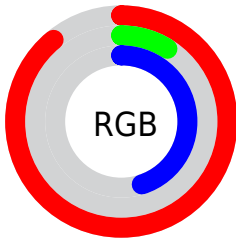
Format	Color
R_{YB}	226, 24, 115
Decimal	14817395
CIE _{Lab}	49.57, 75.02, 3.54
CIE _{LCh}	50, 75.108, 2.704
Yxy	18.0598, 0.4919, 0.2554
Android (android.graphics.Color)	4293007475 (0xFFE21873)
YUV	94.7720, 9.9724, 115.0870
Hunter-Lab	42.4969, 71.7391, 4.8132

Details

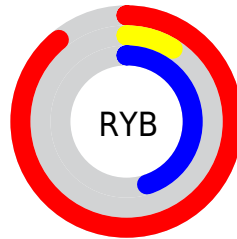
The Hex color **E21873** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **18E287**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF63A7**, and **A40043** is the 20% darker color. If you saturate the color by 10%, you get **E20167**, and if you desaturate by 10%, it is **E22F7F**.

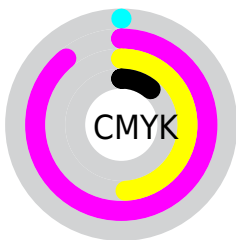
Distribution



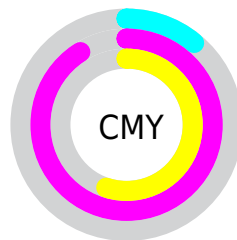
- Red (89%)
- Green (9%)
- Blue (45%)



- Red (89%)
- Yellow (9%)
- Blue (45%)



- Cyan (0%)
- Magenta (89%)
- Yellow (49%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color E21873 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 E21873 by changing the saturation by 10% instead.

 E21873

 E21873

FFFFFF

 C3005B

 FF63A7

 A40043

 FF82C2

 85002E

 FF9FDE

 67001A

 FFBDF A

 4B0004

 FFDBFF

 2B0001

 FFF9FF

 000000

 E21873

 E21873

 E20167

 E22F7F

 E20066

 E2458C

 E25C98

 E272A5

 E289B1

 E2A0BE

 E2B6CA

 E2CDD6

 E2E3E3

Harmonies

Analogous

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



C53AB2



E21873



DC3535

Triad

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



E21873



478500



008BE8

Complementary

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



E21873



18E287

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.



0091BA



E21873



008D36

Square

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



E21873



8A7500



00917A



007DF7

Rectangle

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



E21873



C95000



00917A



008EDB

Sweetspot

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



E21873



FFBAD9



8418E2



805769



000000



808080

Same Dimension

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



E21873



FF0073



E21F18



70656A



B0004F



300016

Inverse Universe

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



E21873



FF0073



18DBE2



70656A



B0004F



300016

Previews

White Background



This preview shows how the Hex color E21873 looks on a white 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

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 E21873 Background



This preview shows how black text looks on a background with the Hex color E21873.



This preview shows how white text looks on a background with the Hex color E21873.

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



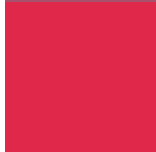
Original Color
E21873



Protanomaly
955392



Deuteranomaly
A8516D

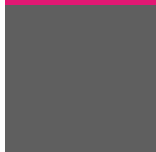


Tritanomaly
E0294A

Monochromacy



Original Color
E21873



Achromatopsia
5F5F5F



Achromatomaly
8F4566

CSS Examples

Text

The CSS property to change the color of the text to Hex E21873 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 #E21873 looks like.

```
.text, #text, p{  
  color:#E21873  
}
```

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 #E21873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E21873 }  
}
```

Border

The CSS property to change the border of an element to Hex E21873 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 #E21873 }  
}
```

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

```
.border{ border-color:#E21873 }
```

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

Here you see how a box with a 4 pixel #E21873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E21873; -webkit-box-shadow:4px 4px  
4px 4px #E21873; box-shadow:4px 4px 4px  
4px #E21873 }
```

Background

The CSS property to change the background color of an element to Hex E21873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E21873 }
```

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

```
.background{ background-color:#E21873 }
```

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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