

# Converting Colors

Hex(E21D66)

Have a look what the booklet for  
Hex(E21D66) contains.

|                                                |    |
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**Color**

**Hex(E21D66)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | E21D66                    |
| RGB           | 226, 29, 102              |
| RGB Percent   | 89%, 11%, 40%             |
| CMY           | 0.1137, 0.8863, 0.6000    |
| CMYK          | 0.00, 0.87, 0.55, 0.11    |
| HSL           | 338°, 77%, 50%            |
| HSV           | 338°, 87%, 89%            |
| XYZ           | 34.2017, 18.0068, 14.2434 |
| YIQ           | 96.2250, 93.9790, 64.4670 |

# Conversions

## Conversions Part 2

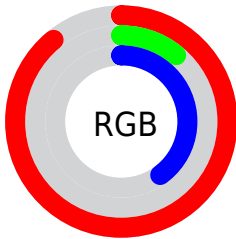
| Format                              | Color                                      |
|-------------------------------------|--------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">226, 29, 102</a>               |
| Decimal                             | <a href="#">14818662</a>                   |
| CIELab                              | <a href="#">49.50, 73.29, 11.41</a>        |
| CIElCh                              | <a href="#">50, 74.173, 8.850</a>          |
| Yxy                                 | <a href="#">18.0068, 0.5147, 0.2710</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4293008742</a><br>(0xFFE21D66) |
| YUV                                 | <a href="#">96.2250, 2.8471, 113.8127</a>  |
| Hunter-Lab                          | <a href="#">42.4344, 69.6088, 9.8030</a>   |

# Details

The Hex color **E21D66** 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 **1DE299**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6599**, and **A30038** is the 20% darker color. If you saturate the color by 10%, you get **E20658**, and if you desaturate by 10%, it is **E23474**.

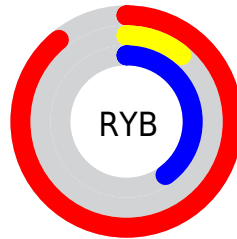
# Distribution



Red (89%)

Green (11%)

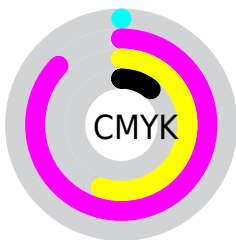
Blue (40%)



Red (89%)

Yellow (11%)

Blue (40%)

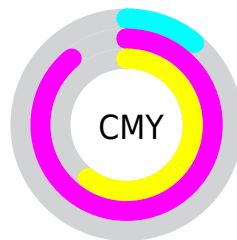


Cyan (0%)

Magenta (87%)

Yellow (55%)

Black (11%)



Cyan (11%)

Magenta (89%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E21D66 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 E21D66 by changing the saturation by 10% instead.



 E21D66

 E21D66

FFFFFF

 C3004E

 FF6599

 A30038

 FF83B3

 850023

 FFA1CF

 66000D

 FFBEEB

 4A0004

 FFD0FF

 290001

 FFFAFF

 000000

 E21D66

 E21D66

 E20658

 E23474

 E20054

 E24A82

 E26191

 E2779F

 E28EAD

 E2A5BB

 E2BBCA

 E2D2D8

 E2E8E6

# Harmonies

## Analogous

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



CD33A5



E21D66



D63F29

# Triad

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



E21D66



348700



0089EC

# Complementary

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



E21D66



1DE299

# 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.



0090C4



E21D66



008E45

# Square

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



E21D66



7E7900



009187



0078F4

# Rectangle

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



E21D66



C05700



009187



008CE2



# Sweetspot

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



E21D66



FFBDD5



961DE2



805867



000000



808080



# Same Dimension

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



E21D66



FF005E



E2341D



706569



B00041



300012



# Inverse Universe

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



E21D66



FF005E



1DCBE2



706569



B00041



300012



# Previews

## White Background



This preview shows how the Hex color E21D66 looks on a white background.

## Color Contrast Check

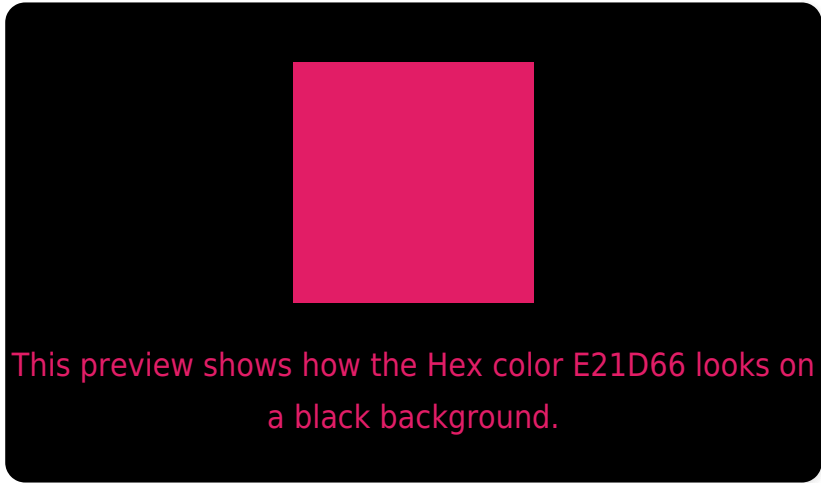
Large Text (above 18pt) WCAG AA ✓ Pass

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 E21D66 Background



This preview shows how black text looks on a background with the Hex color E21D66.



This preview shows how white text looks on a background with the Hex color E21D66.

# 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**  
E02F30

# Trichromacy



**Original Color**  
E21D66



**Protanomaly**  
9A5581



**Deuteranomaly**  
AB5360



**Tritanomaly**  
E12844

# Monochromacy



**Original Color**  
E21D66



**Achromatopsia**  
606060



**Achromatomaly**  
8F4862

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E21D66 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 #E21D66 looks like.

```
.text, #text, p{  
    color:#E21D66  
}
```

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 #E21D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E21D66
}
```

## Border

The CSS property to change the border of an element to Hex E21D66 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
#E21D66 }
```

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

```
.border{ border-color:#E21D66 }
```

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

Here you see how a box with a 4 pixel #E21D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E21D66; -webkit-box-shadow:4px 4px  
4px 4px #E21D66; box-shadow:4px 4px 4px  
4px #E21D66 }
```

# Background

The CSS property to change the background color of an element to Hex E21D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E21D66 }
```

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

```
.background{ background-color:#E21D66 }
```

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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