

# Converting Colors

Hex(E00141)

Have a look what the booklet for  
Hex(E00141) contains.

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**Color**

**Hex(E00141)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E00141
RGB	224, 1, 65
RGB Percent	88%, 0%, 25%
CMY	0.1216, 0.9961, 0.7451
CMYK	0.00, 1.00, 0.71, 0.12
HSL	343°, 99%, 44%
HSV	343°, 100%, 88%
XYZ	31.7055, 16.2507, 6.4667
YIQ	74.9730, 112.3640, 67.1800

# Conversions

## Conversions Part 2

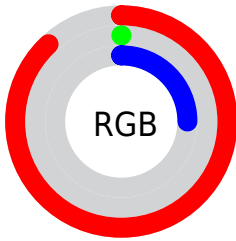
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 1, 65
Decimal	14680385
CIELab	47.30, 73.91, 31.11
CIELCh	47, 80.193, 22.826
Yxy	16.2507, 0.5826, 0.2986
Android (android.graphics.Color)	4292870465 (0xFFE00141)
YUV	74.9730, -4.9167, 130.6967
Hunter-Lab	40.3121, 69.8440, 18.7075

# Details

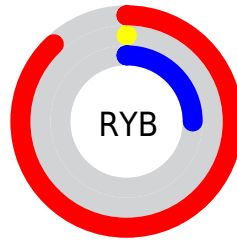
The Hex color **E00141** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **01E0A0**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B71**, and **A00017** is the 20% darker color. If you saturate the color by 10%, you get **E00040**, and if you desaturate by 10%, it is **E01751**.

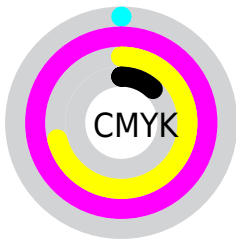
# Distribution



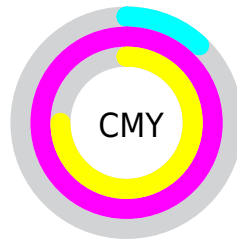
- Red (88%)
- Green (0%)
- Blue (25%)



- Red (88%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (12%)



- Cyan (12%)
- Magenta (100%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E00141 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 E00141 by changing the saturation by 10% instead.



 E00141

 E00141

FFFFFF

 C0002B

 FF5B71

 A00017

 FF7A8A

 800000

 FF97A4

 600002

 FFB5BF

 430003

 FFD3DB

 210001

 FFF1F8

 000000

 E00141

 E00141

 E00040

 E01751

 E02E61

 E04471

 E05B81

 E07191

 E087A1

 E09EB1

 E0B4C1

 E0CBD1

# Harmonies

## Analogous

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



DC0083



E00141



C54600

# Triad

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



E00141



008609



007EF8

# Complementary

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



E00141



01E0A0

# 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.



0089DC



E00141



008B5D

# Square

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



E00141



577C00



008CA3



2D66EF

# Rectangle

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



E00141



A85E00



008CA3



0083F3



# Sweetspot

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



E00141



FFB3C8



9D01E0



80525F



000000



808080



# Same Dimension

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



E00141



FF0049



E02E01



706568



B00032



30000E



# Inverse Universe

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



E00141



FF0049



01B3E0



706568



B00032



30000E



# Previews

## White Background



This preview shows how the Hex color E00141 looks on a white background.

## Color Contrast Check

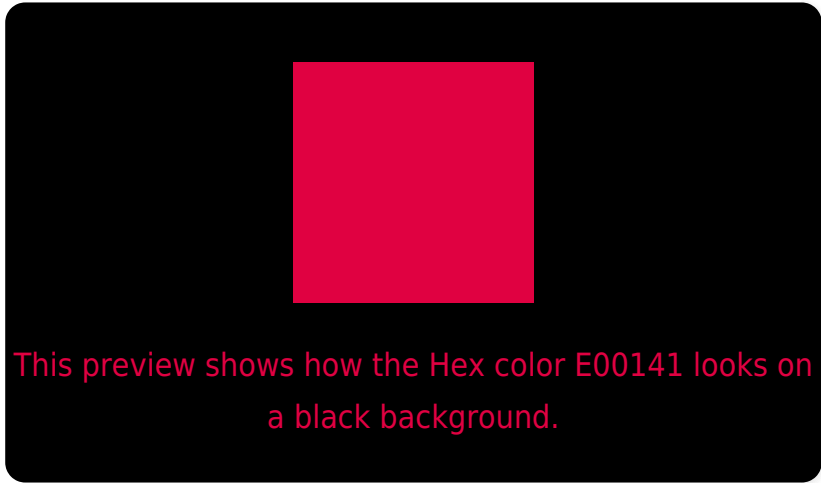
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E00141 Background



This preview shows how black text looks on a background with the Hex color E00141.



This preview shows how white text looks on a background with the Hex color E00141.

# 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



**Original Color**  
E00141

**Protanopia**  
787261

**Deuteranopia**  
8D6D36



**Tritanopia**  
DF1B15

# Trichromacy



**Original Color**  
E00141



**Protanomaly**  
9E4955



**Deuteranomaly**  
AB463A



**Tritanomaly**  
DF1225

# Monochromacy



**Original Color**  
E00141



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
813047

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E00141 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 #E00141 looks like.

```
.text, #text, p{  
    color:#E00141  
}
```

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 #E00141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E00141
}
```

## Border

The CSS property to change the border of an element to Hex E00141 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
#E00141 }
```

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

```
.border{ border-color:#E00141 }
```

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

Here you see how a box with a 4 pixel #E00141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E00141; -webkit-box-shadow:4px 4px  
4px 4px #E00141; box-shadow:4px 4px 4px  
4px #E00141 }
```

# Background

The CSS property to change the background color of an element to Hex E00141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E00141 }
```

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

```
.background{ background-color:#E00141 }
```

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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