

Converting Colors

Hex(E90044)

Have a look what the booklet for
Hex(E90044) contains.

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Color

Hex(E90044)

Conversions

Conversions Part 1

Format	Color
Hex	E90044
RGB	233, 0, 68
RGB Percent	91%, 0%, 27%
CMY	0.0863, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.71, 0.09
HSL	342°, 100%, 46%
HSV	342°, 100%, 91%
XYZ	34.6477, 17.7410, 7.0671
YIQ	77.4190, 117.0400, 70.5440

Conversions

Conversions Part 2

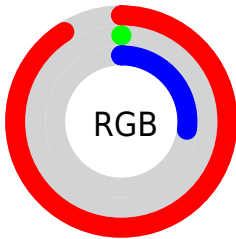
Format	Color
RYB	233, 0, 68
Decimal	15269956
CIELab	49.18, 76.23, 32.00
CIELCh	49, 82.672, 22.776
Yxy	17.7410, 0.5827, 0.2984
Android (android.graphics.Color)	4293460036 (0xFFE90044)
YUV	77.4190, -4.6436, 136.4445
Hunter-Lab	42.1201, 73.1227, 19.5361

Details

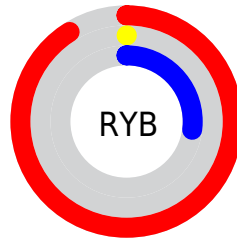
The Hex color **E90044** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00E9A5**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5D74**, and **A8001A** is the 20% darker color. If you saturate the color by 10%, you get **E90044**, and if you desaturate by 10%, it is **E91754**.

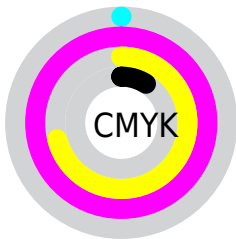
Distribution



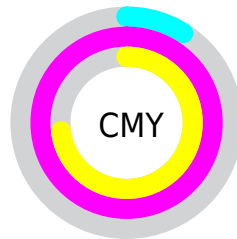
- Red (91%)
- Green (0%)
- Blue (27%)



- Red (91%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E90044 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 E90044 by changing the saturation by 10% instead.

 E90044

 E90044

FFFFFF

 C9002E

 FF5D74

 A8001A

 FF7C8D

 890000

 FF9AA8

 680002

 FFB8C3

 4B0004

 FFD6DF

 2A0001

 FFF4FB

 000000

 E90044

 E91754

 E92F65

 E94675

 E95D86

 E97596

 E98CA7

 E9A3B7

 E9BAC8

 E9D2D9

Harmonies

Analogous

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



E50089



E90044



CD4900

Triad

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



E90044



008C0A



0083FF

Complementary

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



E90044



00E9A5

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.



008FE5



E90044



009061

Square

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



E90044



5B8100



0092AA



2E6AF8

Rectangle

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



E90044



AF6200



0092AA



0088FD

Sweetspot

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



E90044



FFB3C9



A300E9



80525F



000000



808080

Same Dimension

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



E90044



FF004A



E92F00



756A6D



B50035



360010

Inverse Universe

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



E90044



FF004A



00BAE9



756A6D



B50035



360010

Previews

White Background



This preview shows how the Hex color E90044 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 E90044 Background



This preview shows how black text looks on a background with the Hex color E90044.

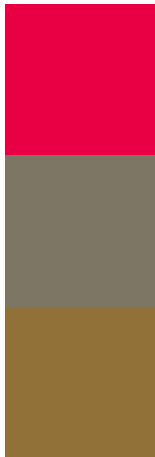


This preview shows how white text looks on a background with the Hex color E90044.

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
E90044

Protanopia
7D7665

Deuteranopia
927138



Tritanopia
E81C16

Trichromacy



Original Color
E90044



Protanomaly
A44B59



Deuteranomaly
B2483C



Tritanomaly
E81227

Monochromacy



Original Color
E90044



Achromatopsia
4D4D4D



Achromatomaly
86314A

CSS Examples

Text

The CSS property to change the color of the text to Hex E90044 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 #E90044 looks like.

```
.text, #text, p{  
    color:#E90044  
}
```

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 #E90044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E90044
}
```

Border

The CSS property to change the border of an element to Hex E90044 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".

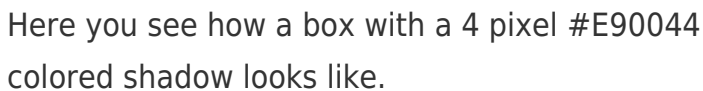
```
.border, #border, table{ border:4px solid
#E90044 }
```

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

```
.border{ border-color:#E90044 }
```

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

Here you see how a box with a 4 pixel #E90044 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E90044; -webkit-box-shadow:4px 4px  
4px 4px #E90044; box-shadow:4px 4px 4px  
4px #E90044 }
```

Background

The CSS property to change the background color of an element to Hex E90044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E90044 }
```

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

```
.background{ background-color:#E90044 }
```

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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