

Converting Colors

Hex(E5004E)

Have a look what the booklet for
Hex(E5004E) contains.

Hex(E5004E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E5004E)

Conversions

Conversions Part 1

Format	Color
Hex	E5004E
RGB	229, 0, 78
RGB Percent	90%, 0%, 31%
CMY	0.1020, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.66, 0.10
HSL	340°, 100%, 45%
HSV	340°, 100%, 90%
XYZ	33.6882, 17.2081, 8.7536
YIQ	77.3630, 111.4460, 72.8060

Conversions

Conversions Part 2

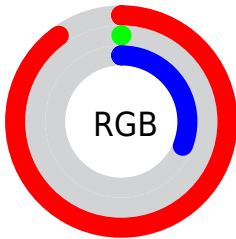
Format	Color
R_{YB}	229, 0, 78
Decimal	15007822
CIE Lab	48.52, 75.74, 24.92
CIE LCh	49, 79.735, 18.215
Yxy	17.2081, 0.5648, 0.2885
Android (android.graphics.Color)	4293197902 (0xFFE5004E)
YUV	77.3630, 0.3140, 132.9856
Hunter-Lab	41.4826, 72.3662, 16.5265

Details

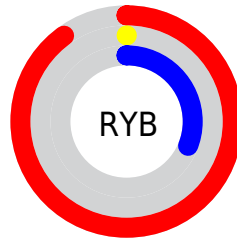
The Hex color **E5004E** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **00E597**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5C7F**, and **A50023** is the 20% darker color. If you saturate the color by 10%, you get **E5004E**, and if you desaturate by 10%, it is **E5175D**.

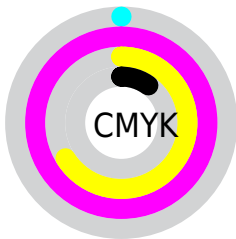
Distribution



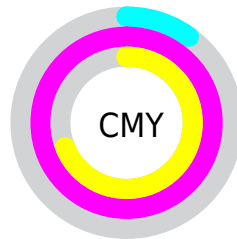
- Red (90%)
- Green (0%)
- Blue (31%)



- Red (90%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5004E 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 E5004E by changing the saturation by 10% instead.

 E5004E

 E5004E

FFFFFF

 C50038

 FF5C7F

 A50023

 FF7B98

 85000F

 FF99B3

 660002

 FFB7CF

 480004

 FFD5EB

 280001

 FFF3FF

 000000

 E5004E

 E5175D

 E52E6C

 E5457B

 E55C8A

 E5739A

 E589A9

 E5A0B8

 E5B7C7

 E5CED6

Harmonies

Analogous

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



DB0591



E5004E



CF4301

Triad

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



E5004E



008800



0084F9

Complementary

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



E5004E



00E597

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.



008DD8



E5004E



008E55

Square

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



E5004E



667D00



008F9C



006EF5

Rectangle

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



E5004E



B35D00



008F9C



0088F2

Sweetspot

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



E5004E



FFB3CD



9500E5



805261



000000



808080

Same Dimension

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



E5004E



FF0057



E52200



73676B



B3003D



330011

Inverse Universe

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



E5004E



FF0057



00C3E5



73676B



B3003D



330011

Previews

White Background



This preview shows how the Hex color E5004E 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 E5004E Background



This preview shows how black text looks on a background with the Hex color E5004E.



This preview shows how white text looks on a background with the Hex color E5004E.

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
E5004E

Protanopia
787573

Deuteranopia
8E7044



Tritanopia
E41F1C

Trichromacy



Original Color
E5004E



Protanomaly
A04A66



Deuteranomaly
AE4748



Tritanomaly
E4142E

Monochromacy



Original Color
E5004E



Achromatopsia
4D4D4D



Achromatomaly
84314D

CSS Examples

Text

The CSS property to change the color of the text to Hex E5004E 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 #E5004E looks like.

```
.text, #text, p{  
    color:#E5004E  
}
```

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 #E5004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5004E
}
```

Border

The CSS property to change the border of an element to Hex E5004E 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".

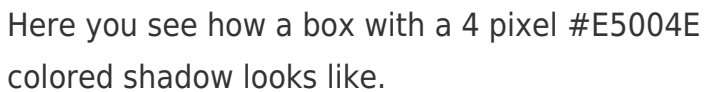
```
.border, #border, table{ border:4px solid
#E5004E }
```

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

```
.border{ border-color:#E5004E }
```

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

Here you see how a box with a 4 pixel #E5004E colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #E5004E colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5004E; -webkit-box-shadow:4px 4px  
4px 4px #E5004E; box-shadow:4px 4px 4px  
4px #E5004E }
```

Background

The CSS property to change the background color of an element to Hex E5004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5004E }
```

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

```
.background{ background-color:#E5004E }
```

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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