

Converting Colors

Hex(E5014B)

Have a look what the booklet for
Hex(E5014B) contains.

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Color

Hex(E5014B)

Conversions

Conversions Part 1

Format	Color
Hex	E5014B
RGB	229, 1, 75
RGB Percent	90%, 0%, 29%
CMY	0.1020, 0.9961, 0.7059
CMYK	0.00, 1.00, 0.67, 0.10
HSL	341°, 99%, 45%
HSV	341°, 100%, 90%
XYZ	33.5940, 17.1877, 8.2036
YIQ	77.6080, 112.1340, 71.3500

Conversions

Conversions Part 2

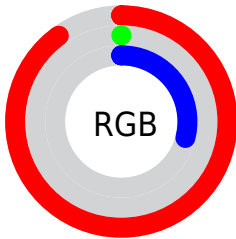
Format	Color
R_{YB}	229, 1, 75
Decimal	15008075
CIE Lab	48.50, 75.52, 26.73
CIE LCh	48, 80.109, 19.490
Yxy	17.1877, 0.5695, 0.2914
Android (android.graphics.Color)	4293198155 (0xFFE5014B)
YUV	77.6080, -1.2857, 132.7708
Hunter-Lab	41.4581, 72.0889, 17.2886

Details

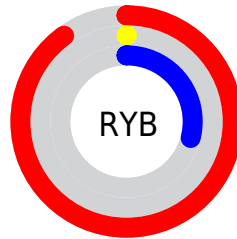
The Hex color **E5014B** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **01E59B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5C7B**, and **A50020** is the 20% darker color. If you saturate the color by 10%, you get **E5004A**, and if you desaturate by 10%, it is **E5185A**.

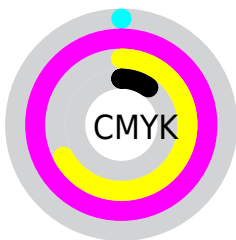
Distribution



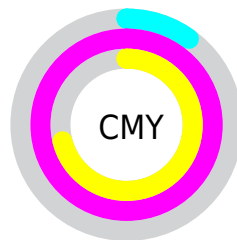
- Red (90%)
- Green (0%)
- Blue (29%)



- Red (90%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5014B 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 E5014B by changing the saturation by 10% instead.

 E5014B

 E5014B

FFFFFF

 C50035

 FF5C7B

 A50020

 FF7B95

 85000B

 FF99B0

 660002

 FFB7CB

 480004

 FFD5E7

 270001

 FFF3FF

 000000

 E5014B

 E5014B

 E5004A

 E5185A

 E52F6A

 E54679

 E55D89

 E57398

 E58AA8

 E5A1B7

 E5B8C7

 E5CFD6

Harmonies

Analogous

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



DD008E



E5014B



CD4400

Triad

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



E5014B



008900



0083FA

Complementary

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



E5014B



01E59B

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.



008DDA



E5014B



008E58

Square

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



E5014B



637D00



008F9F



006CF5

Rectangle

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



E5014B



B15E00



008F9F



0087F4

Sweetspot

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



E5014B



FFB3CB



9901E5



805260



000000



808080

Same Dimension

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



E5014B



FF0053



E52701



73676B



B3003A



330011

Inverse Universe

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



E5014B



FF0053



01BFE5



73676B



B3003A



330011

Previews

White Background



This preview shows how the Hex color E5014B 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 E5014B Background



This preview shows how black text looks on a background with the Hex color E5014B.

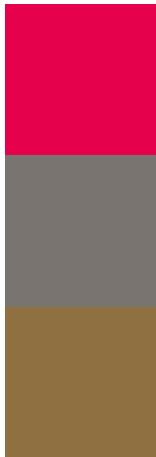


This preview shows how white text looks on a background with the Hex color E5014B.

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
E5014B

Protanopia
79746F

Deuteranopia
8F7040



Tritanopia
E41E1A

Trichromacy



Original Color
E5014B



Protanomaly
A04A62



Deuteranomaly
AE4844

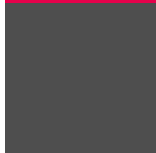


Tritanomaly
E4132C

Monochromacy



Original Color
E5014B



Achromatopsia
4E4E4E



Achromatomaly
85324D

CSS Examples

Text

The CSS property to change the color of the text to Hex E5014B 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 #E5014B looks like.

```
.text, #text, p{  
    color:#E5014B  
}
```

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 #E5014B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5014B
}
```

Border

The CSS property to change the border of an element to Hex E5014B 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".

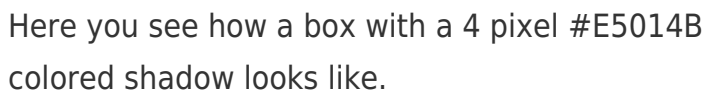
```
.border, #border, table{ border:4px solid
#E5014B }
```

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

```
.border{ border-color:#E5014B }
```

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

Here you see how a box with a 4 pixel #E5014B 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, matching the red color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5014B; -webkit-box-shadow:4px 4px  
4px 4px #E5014B; box-shadow:4px 4px 4px  
4px #E5014B }
```

Background

The CSS property to change the background color of an element to Hex E5014B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5014B }
```

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

```
.background{ background-color:#E5014B }
```

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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