

# Converting Colors

Hex(E14043)

Have a look what the booklet for  
Hex(E14043) contains.

<b>Hex(E14043)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E14043)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E14043
RGB	225, 64, 67
RGB Percent	88%, 25%, 26%
CMY	0.1176, 0.7490, 0.7373
CMYK	0.00, 0.72, 0.70, 0.12
HSL	359°, 73%, 57%
HSV	359°, 72%, 88%
XYZ	33.8979, 20.0796, 7.3993
YIQ	112.4810, 94.9930, 35.0650

# Conversions

## Conversions Part 2

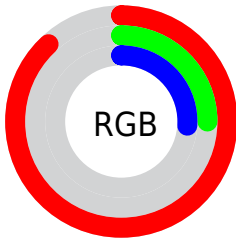
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 64, 67
Decimal	14762051
CIE Lab	51.93, 61.79, 35.50
CIE LCh	52, 71.263, 29.878
Yxy	20.0796, 0.5523, 0.3272
Android (android.graphics.Color)	4292952131 (0xFFE14043)
YUV	112.4810, -22.4221, 98.6792
Hunter-Lab	44.8103, 56.6129, 21.5769

# Details

The Hex color **E14043** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **40E1DE**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7A73**, and **A20018** is the 20% darker color. If you saturate the color by 10%, you get **E12A2D**, and if you desaturate by 10%, it is **E15759**.

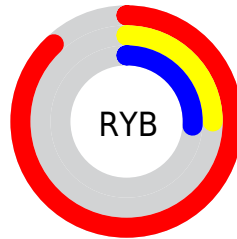
# Distribution



Red (88%)

Green (25%)

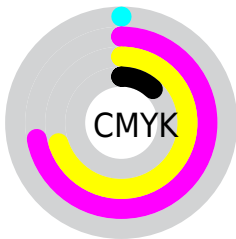
Blue (26%)



Red (88%)

Yellow (25%)

Blue (26%)

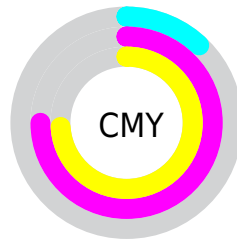


Cyan (0%)

Magenta (72%)

Yellow (70%)

Black (12%)



Cyan (12%)

Magenta (75%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E14043 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 E14043 by changing the saturation by 10% instead.



 E14043

 E14043

FFFFFF

 C11D2D

 FF7A73

 A20018

 FF968D

 830000

 FFB3A7

 640000

 FFD0C3

 470002

 FFEEDF

 280001

 FFFFFB


 000000

 E14043

 E14043

 E12A2D

 E15759

 E11317

 E16D6F

 E10004

 E18485

 E19A9B

 E1B1B1

 E1C7C7

 E1DEDE

 E1F4F4

 E1FFFF

# Harmonies

## Analogous

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



E3317F



E14043



C46000

# Triad

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



E14043



00923A



0084F7

# Complementary

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



E14043



40E1DE

# 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.



0091E6



E14043



00967A

# Square

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



E14043



598900



0096B7



746BE7

# Rectangle

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



E14043



A77200



0096B7



0089F5



# Sweetspot

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



E14043



FFC9CA



DC40E1



806060



000000



808080



# Same Dimension

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



E14043



FF2428



E18B40



706565



B00003



300001



# Inverse Universe

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



E14043



FF2428



4096E1



706565



B00003



300001



# Previews

## White Background



This preview shows how the Hex color E14043 looks on a white 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

# 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 E14043 Background



This preview shows how black text looks on a background with the Hex color E14043.



This preview shows how white text looks on a background with the Hex color E14043.

# 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**  
E14043

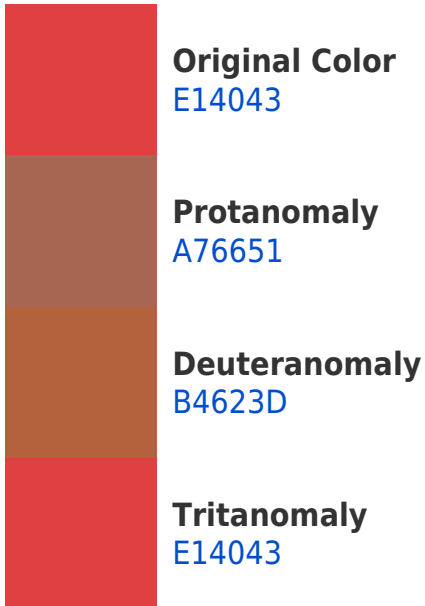
**Protanopia**  
867C59

**Deuteranopia**  
9A763A

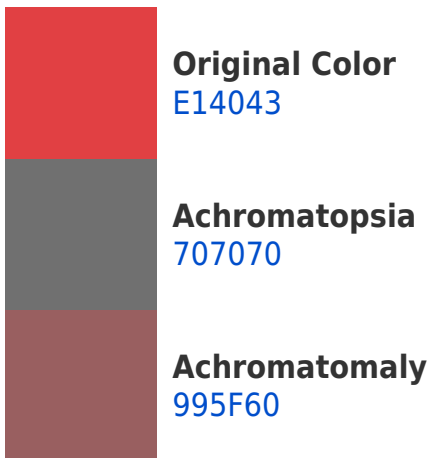


**Tritanopia**  
E14043

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E14043 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 #E14043 looks like.

```
.text, #text, p{  
    color:#E14043  
}
```

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 #E14043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E14043
}
```

## Border

The CSS property to change the border of an element to Hex E14043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

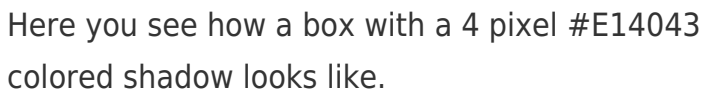
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E14043 }
```

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

```
.border{ border-color:#E14043 }
```

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



Here you see how a box with a 4 pixel #E14043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E14043; -webkit-box-shadow:4px 4px  
4px 4px #E14043; box-shadow:4px 4px 4px  
4px #E14043 }
```

# Background

The CSS property to change the background color of an element to Hex E14043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E14043 }
```

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

```
.background{ background-color:#E14043 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor