

# Converting Colors

Hex(E14154)

Have a look what the booklet for  
Hex(E14154) contains.

<b>Hex(E14154)</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(E14154)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E14154
RGB	225, 65, 84
RGB Percent	88%, 25%, 33%
CMY	0.1176, 0.7451, 0.6706
CMYK	0.00, 0.71, 0.63, 0.12
HSL	353°, 73%, 57%
HSV	353°, 71%, 88%
XYZ	34.5419, 20.4282, 10.5100
YIQ	115.0060, 89.2610, 39.8290

# Conversions

## Conversions Part 2

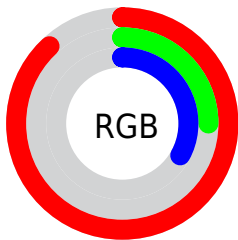
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 65, 84
Decimal	14762324
CIE Lab	52.32, 62.34, 26.05
CIE LCh	52, 67.560, 22.676
Yxy	20.4282, 0.5275, 0.3120
Android (android.graphics.Color)	4292952404 (0xFFE14154)
YUV	115.0060, -15.2860, 96.4647
Hunter-Lab	45.1976, 57.3212, 17.8514

# Details

The Hex color **E14154** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **41E1CE**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7B85**, and **A30027** is the 20% darker color. If you saturate the color by 10%, you get **E12B40**, and if you desaturate by 10%, it is **E15768**.

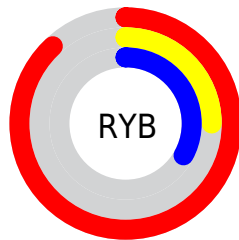
# Distribution



Red (88%)

Green (25%)

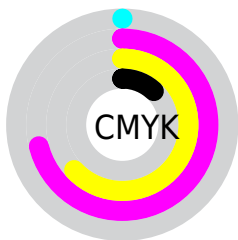
Blue (33%)



Red (88%)

Yellow (25%)

Blue (33%)

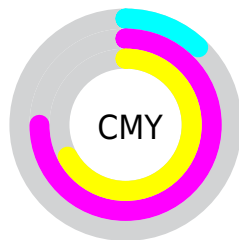


Cyan (0%)

Magenta (71%)

Yellow (63%)

Black (12%)



Cyan (12%)

Magenta (75%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E14154 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 E14154 by changing the saturation by 10% instead.



 E14154

 E14154

FFFFFF

 C21E3D

 FF7B85

 A30027

 FF98A0

 840014

 FFB4BA

 660000

 FFD2D6

 480002

 FFEFF3


 2A0001

 000000

 E14154

 E14154

 E12B40

 E15768

 E1142C

 E16E7C

 E1001B

 E1848F

 E19BA3

 E1B2B7

 E1C8CB

 E1DEDF

 E1F5F3

 E1FFFF

# Harmonies

## Analogous

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



DC3D8E



E14154



CB5C1D

# Triad

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



E14154



009130



0088F1

# Complementary

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



E14154



41E1CE

# 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.



0093D9



E14154



00966C

# Square

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



E14154



6C8700



0097A8



5974E9

# Rectangle

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



E14154



B26E00



0097A8



008DEC



# Sweetspot

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



E14154



FFC9D0



CC41E1



806063



000000



808080



# Same Dimension

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



E14154



FF2640



E17C41



706566



B00015



300006



# Inverse Universe

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



E14154



FF2640



41A6E1



706566



B00015



300006



# Previews

## White Background



This preview shows how the Hex color E14154 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 E14154 Background



This preview shows how black text looks on a background with the Hex color E14154.

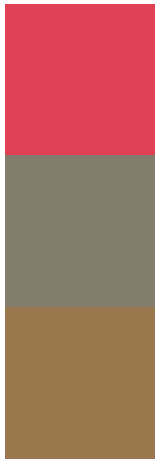


This preview shows how white text looks on a background with the Hex color E14154.

# 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**  
E14154

**Protanopia**  
837D6E

**Deuteranopia**  
98784C



**Tritanopia**  
E04347

# Trichromacy



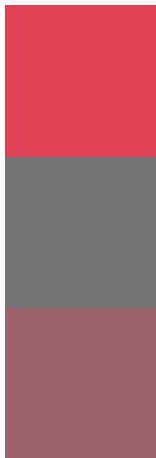
**Original Color**  
E14154

**Protanomaly**  
A56765

**Deuteranomaly**  
B3644F

**Tritanomaly**  
E0424C

# Monochromacy



**Original Color**  
E14154

**Achromatopsia**  
737373

**Achromatomaly**  
9B6168

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E14154 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 #E14154 looks like.

```
.text, #text, p{  
    color:#E14154  
}
```

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 #E14154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E14154
}
```

## Border

The CSS property to change the border of an element to Hex E14154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

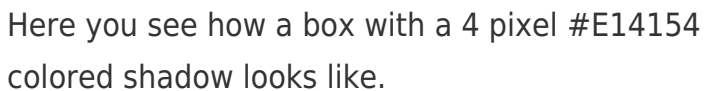
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E14154 }
```

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

```
.border{ border-color:#E14154 }
```

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



Here you see how a box with a 4 pixel #E14154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E14154; -webkit-box-shadow:4px 4px  
4px 4px #E14154; box-shadow:4px 4px 4px  
4px #E14154 }
```

# Background

The CSS property to change the background color of an element to Hex E14154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E14154 }
```

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

```
.background{ background-color:#E14154 }
```

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