

# Converting Colors

Hex(E14140)

Have a look what the booklet for  
Hex(E14140) contains.

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**Color**

**Hex(E14140)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E14140
RGB	225, 65, 64
RGB Percent	88%, 25%, 25%
CMY	0.1176, 0.7451, 0.7490
CMYK	0.00, 0.71, 0.72, 0.12
HSL	0°, 73%, 57%
HSV	0°, 72%, 88%
XYZ	33.8670, 20.1583, 6.9564
YIQ	112.7260, 95.6810, 33.6090

# Conversions

## Conversions Part 2

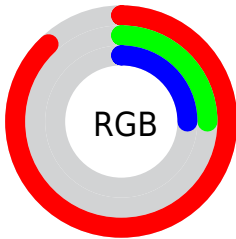
<b>Format</b>	<b>Color</b>
<b>RYB</b>	225, 65, 64
Decimal	14762304
CIELab	52.02, 61.30, 37.31
CIELCh	52, 71.765, 31.329
Yxy	20.1583, 0.5554, 0.3306
Android (android.graphics.Color)	4292952384 (0xFFE14140)
YUV	112.7260, -24.0219, 98.4643
Hunter-Lab	44.8980, 56.0729, 22.2423

# Details

The Hex color **E14140** 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 **40E0E1**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7B70**, and **A20014** is the 20% darker color. If you saturate the color by 10%, you get **E12B2A**, and if you desaturate by 10%, it is **E15757**.

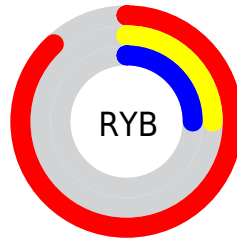
# Distribution



Red (88%)

Green (25%)

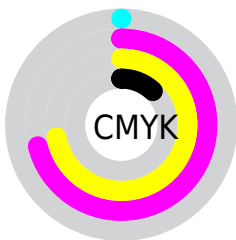
Blue (25%)



Red (88%)

Yellow (25%)

Blue (25%)

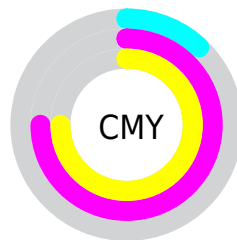


Cyan (0%)

Magenta (71%)

Yellow (72%)

Black (12%)



Cyan (12%)

Magenta (75%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E14140 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 E14140 by changing the saturation by 10% instead.



 E14140

 E14140

FFFFFF

 C11F2A

 FF7B70

 A20014

 FF978A

 830000

 FFB4A4

 640000

 FFD1BF

 470002

 FFEEDB

 280001

 FFFFF8

 000000

 E14140

 E14140

 E12B2A

 E15757

 E11413

 E16E6D

 E10100

 E18484

 E19A9A

 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.



E52F7C



E14140



C36100

# Triad

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



E14140



00933C



0083F8

# Complementary

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



E14140



40E0E1

# 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.



0091E8



E14140



00977D

# Square

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



E14140



558A00



0096BB



7A6AE6

# Rectangle

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



E14140



A57300



0096BB



0089F7



# Sweetspot

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



E14140



FFCAC9



E140E1



806060



000000



808080



# Same Dimension

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



E14140



FF2524



E19140



706565



B00100



300000



# Inverse Universe

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



40E0E1



24FEFF



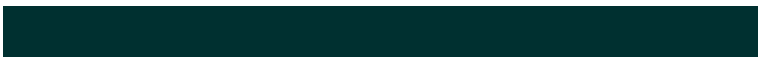
4091E1



657070



00AFB0



003030



# Previews

## White Background



This preview shows how the Hex color E14140 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 E14140 Background



This preview shows how black text looks on a background with the Hex color E14140.



This preview shows how white text looks on a background with the Hex color E14140.

# 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**  
E14140

**Protanopia**  
877D55

**Deuteranopia**  
9A7636



**Tritanopia**  
E14043

# Trichromacy



**Original Color**  
E14140

**Protanomaly**  
A8674D

**Deuteranomaly**  
B4633A

**Tritanomaly**  
E14042

# Monochromacy



**Original Color**  
E14140

**Achromatopsia**  
717171

**Achromatomaly**  
9A605F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E14140 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 #E14140 looks like.

```
.text, #text, p{  
    color:#E14140  
}
```

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 #E14140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E14140
}
```

## Border

The CSS property to change the border of an element to Hex E14140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

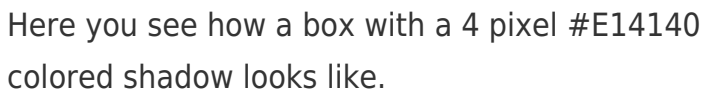
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E14140 }
```

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

```
.border{ border-color:#E14140 }
```

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



Here you see how a box with a 4 pixel #E14140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E14140; -webkit-box-shadow:4px 4px  
4px 4px #E14140; box-shadow:4px 4px 4px  
4px #E14140 }
```

# Background

The CSS property to change the background color of an element to Hex E14140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E14140 }
```

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

```
.background{ background-color:#E14140 }
```

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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