

# Converting Colors

Hex(E14328)

Have a look what the booklet for  
Hex(E14328) contains.

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**Color**

**Hex(E14328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E14328
RGB	225, 67, 40
RGB Percent	88%, 26%, 16%
CMY	0.1176, 0.7373, 0.8431
CMYK	0.00, 0.70, 0.82, 0.12
HSL	9°, 76%, 52%
HSV	9°, 82%, 88%
XYZ	33.4415, 20.1751, 4.1391
YIQ	111.1640, 102.8350, 25.0990

# Conversions

## Conversions Part 2

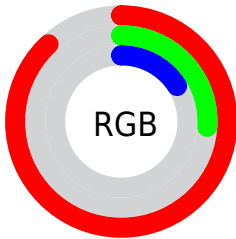
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 72, 40
Decimal	14762792
CIE Lab	52.03, 59.73, 50.05
CIE LCh	52, 77.929, 39.963
Yxy	20.1751, 0.5790, 0.3493
Android (android.graphics.Color)	4292952872 (0xFFE14328)
YUV	111.1640, -35.0839, 99.8342
Hunter-Lab	44.9167, 54.2932, 25.9781

# Details

The Hex color **E14328** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **28C6E1**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7C58**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E13012**, and if you desaturate by 10%, it is **E1563F**.

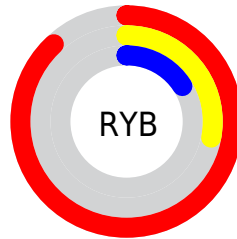
# Distribution



Red (88%)

Green (26%)

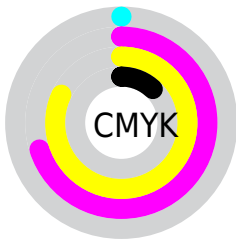
Blue (16%)



Red (88%)

Yellow (28%)

Blue (16%)

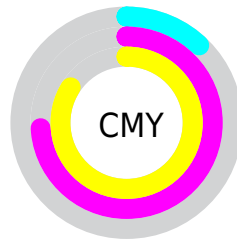


Cyan (0%)

Magenta (70%)

Yellow (82%)

Black (12%)



Cyan (12%)

Magenta (74%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E14328 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 E14328 by changing the saturation by 10% instead.



 E14328

 E14328

FFFFFF

 C12210

 FF7C58

 A10000

 FF9871

 820000

 FFB58C

 620000

 FFD2A6

 460002

 FFEFC2

 270001

 FFFFDE

 000000

 FFFFFB

 E14328

 E14328

 E13012

 E1563F

 E12100

 E16955

 E17D6C

 E19082

 E1A399

 E1B6AF

 E1CAC6

 E1DDDC

 E1F0F3

# Harmonies

## Analogous

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



EF1C69



E14328



BA6800

# Triad

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



E14328



00964B



007EFF

# Complementary

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



E14328



28C6E1

# 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.



0090FB



E14328



009991

# Square

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



E14328



328F00



0097D1



975EE4

# Rectangle

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



E14328



977900



0097D1



0085FF



# Sweetspot

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



E14328



FFC9BF



E128C8



805F59



000000



808080



# Same Dimension

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



E14328



FF2703



E19D28



706765



B01A00



300700

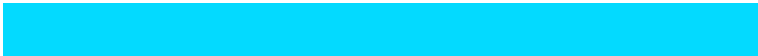


# Inverse Universe

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



28C6E1



03DAFF



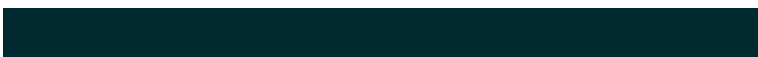
286CE1



656F70



0096B0



002930



# Previews

## White Background



This preview shows how the Hex color E14328 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 E14328 Background



This preview shows how black text looks on a background with the Hex color E14328.



This preview shows how white text looks on a background with the Hex color E14328.

# 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**  
E14328

**Protanopia**  
8A7D37

**Deuteranopia**  
9D7617



**Tritanopia**  
E24043

# Trichromacy



**Original Color**  
E14328

**Protanomaly**  
AA6832

**Deuteranomaly**  
B6631D

**Tritanomaly**  
E24139

# Monochromacy



**Original Color**  
E14328

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
985F55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E14328 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 #E14328 looks like.

```
.text, #text, p{  
    color:#E14328  
}
```

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 #E14328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E14328
}
```

## Border

The CSS property to change the border of an element to Hex E14328 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".

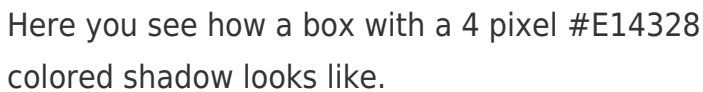
```
.border, #border, table{ border:4px solid
#E14328 }
```

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

```
.border{ border-color:#E14328 }
```

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

Here you see how a box with a 4 pixel #E14328 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E14328; -webkit-box-shadow:4px 4px  
4px 4px #E14328; box-shadow:4px 4px 4px  
4px #E14328 }
```

# Background

The CSS property to change the background color of an element to Hex E14328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E14328 }
```

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

```
.background{ background-color:#E14328 }
```

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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