

# Converting Colors

Hex(E4514F)

Have a look what the booklet for  
Hex(E4514F) contains.

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# Color

**Hex(E4514F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E4514F
RGB	228, 81, 79
RGB Percent	89%, 32%, 31%
CMY	0.1059, 0.6824, 0.6902
CMYK	0.00, 0.64, 0.65, 0.11
HSL	1°, 73%, 60%
HSV	1°, 65%, 89%
XYZ	36.3486, 22.9434, 9.9099
YIQ	124.7250, 88.2540, 30.5420

# Conversions

## Conversions Part 2

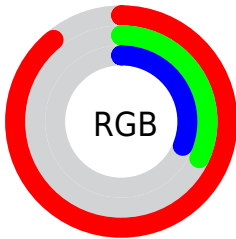
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 81, 79
Decimal	14963023
CIE <sub>Lab</sub>	55.01, 56.83, 32.47
CIE <sub>LCh</sub>	55, 65.457, 29.744
Yxy	22.9434, 0.5253, 0.3315
Android (android.graphics.Color)	4293153103 (0xFFE4514F)
YUV	124.7250, -22.5424, 90.5722
Hunter-Lab	47.8992, 51.6322, 21.2630

# Details

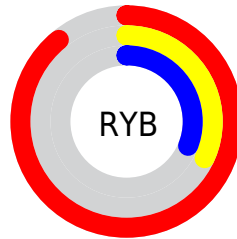
The Hex color **E4514F** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **4FE2E4**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8980**, and **A60E22** is the 20% darker color. If you saturate the color by 10%, you get **E43B38**, and if you desaturate by 10%, it is **E46766**.

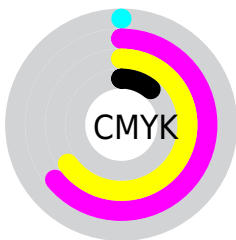
# Distribution



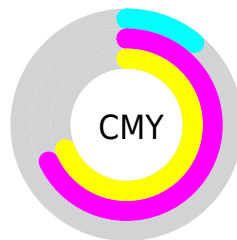
- Red (89%)
- Green (32%)
- Blue (31%)



- Red (89%)
- Yellow (32%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (68%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4514F 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 E4514F by changing the saturation by 10% instead.



 E4514F

 E4514F

FFFFFF

 C53438

 FF8980

 A60E22

 FFA59A

 87000E

 FFC2B5

 690000

 FFDFD1

 4B0001

 FFFCED

 2F0002

 000000

 E4514F

 E4514F

 E43B38

 E46766

 E42421

 E47E7D

 E40E0B

 E49493

 E40300

 E4ABAA

 E4C1C1

 E4D8D8

 E4EEEE

 E4FFFF

# Harmonies

## Analogous

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



E54787



E4514F



CA6A1B

# Triad

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



E4514F



009947



008BF6

# Complementary

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



E4514F



4FE2E4

# 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.



0098E5



E4514F



009D81

# Square

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



E4514F



669108



009DBB



7F75E7

# Rectangle

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



E4514F



AE7A00



009DBB



0090F4



# Sweetspot

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



E4514F



FFCDCC



E44FE4



806161



000000



808080



# Same Dimension

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



E4514F



FF3B38



E49A4F



736767



B30200



330100



# Inverse Universe

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



4FE2E4



38FCFF



4F9AE4



677373



00B0B3



003233



# Previews

## White Background



This preview shows how the Hex color E4514F looks on a white background.

## Color Contrast Check

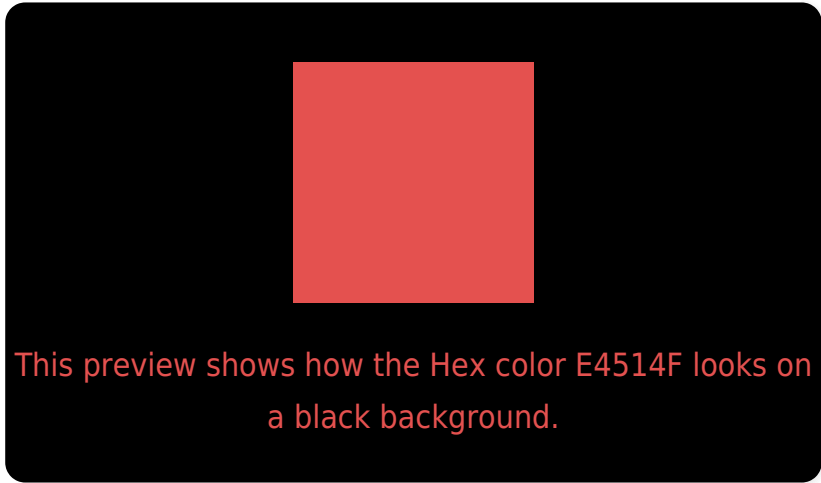
Large Text (above 18pt) WCAG AA ✓ Pass

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 E4514F Background



This preview shows how black text looks on a background with the Hex color E4514F.



This preview shows how white text looks on a background with the Hex color E4514F.

# 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**  
E4514F

**Protanopia**  
8E8463

**Deuteranopia**  
A27E47



# Trichromacy



**Original Color**  
E4514F

**Protanomaly**  
AD715C

**Deuteranomaly**  
BA6E4A

**Tritanomaly**  
E45053

# Monochromacy



**Original Color**  
E4514F

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
A26D6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4514F 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 #E4514F looks like.

```
.text, #text, p{  
    color:#E4514F  
}
```

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 #E4514F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4514F
}
```

## Border

The CSS property to change the border of an element to Hex E4514F is called "border". The border property can be set on classes, ids or directly on the HTML element.

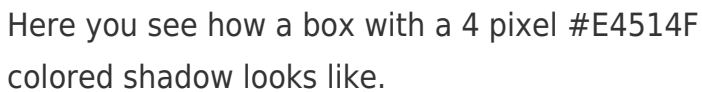
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E4514F }
```

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

```
.border{ border-color:#E4514F }
```

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



Here you see how a box with a 4 pixel #E4514F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4514F; -webkit-box-shadow:4px 4px  
4px 4px #E4514F; box-shadow:4px 4px 4px  
4px #E4514F }
```

# Background

The CSS property to change the background color of an element to Hex E4514F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4514F }
```

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

```
.background{ background-color:#E4514F }
```

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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