

# Converting Colors

Hex(E14672)

Have a look what the booklet for  
Hex(E14672) contains.

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# Color

**Hex(E14672)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E14672                     |
| RGB           | 225, 70, 114               |
| RGB Percent   | 88%, 27%, 45%              |
| CMY           | 0.1176, 0.7255, 0.5529     |
| CMYK          | 0.00, 0.69, 0.49, 0.12     |
| HSL           | 343°, 72%, 58%             |
| HSV           | 343°, 69%, 88%             |
| XYZ           | 36.2788, 21.6028, 18.1772  |
| YIQ           | 121.3610, 78.2560, 46.5440 |

# Conversions

## Conversions Part 2

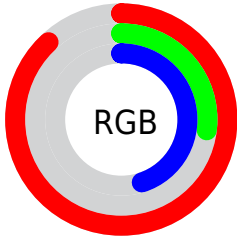
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 225, 70, 114                  |
| Decimal                             | 14763634                      |
| CIE <sub>Lab</sub>                  | 53.60, 62.68, 9.88            |
| CIE <sub>LCh</sub>                  | 54, 63.456, 8.957             |
| Yxy                                 | 21.6028, 0.4770,<br>0.2840    |
| Android<br>(android.graphics.Color) | 4292953714<br>(0xFFE14672)    |
| YUV                                 | 121.3610, -3.6290,<br>90.8914 |
| Hunter-Lab                          | 46.4788, 57.9893,<br>9.3476   |

# Details

The Hex color **E14672** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **46E1B5**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF80A6**, and **A40042** is the 20% darker color. If you saturate the color by 10%, you get **E13062**, and if you desaturate by 10%, it is **E15D82**.

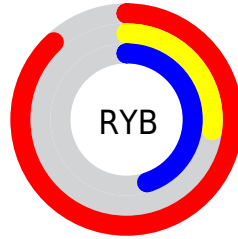
# Distribution



Red (88%)

Green (27%)

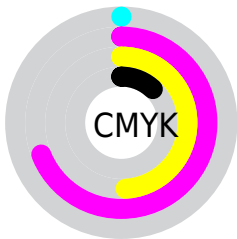
Blue (45%)



Red (88%)

Yellow (27%)

Blue (45%)

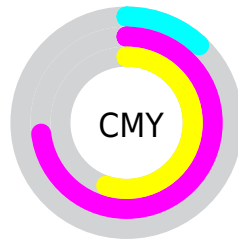


Cyan (0%)

Magenta (69%)

Yellow (49%)

Black (12%)



Cyan (12%)

Magenta (73%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E14672 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 E14672 by changing the saturation by 10% instead.



 E14672

 E14672

FFFFFF

 C2255A

 FF80A6

 A40042

 FF9CC1

 86002D

 FFB9DC

 680019

 FFD6F9

 4C0002


 FFF4FF


 2E0002

 000000

 E14672

 E14672

 E13062

 E15D82

 E11952

 E17392

 E10342

 E18AA2

 E10040

 E1A0B2

 E1B7C3

 E1CDD3

 E1E3E3

 E1FAF3

 E1FFFF

# Harmonies

## Analogous

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



CD50A9



E14672



D8563E

# Triad

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



E14672



4F9020



0090E6

# Complementary

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



E14672



46E1B5

# 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.



0098C4



E14672



009756

# Square

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



E14672



8B8300



009990



0081ED

# Rectangle

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



E14672



C5671D



009990



0094DE



# Sweetspot

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



E14672



FFC9D9



B346E1



806069



000000



808080



# Same Dimension

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



E14672



FF2B67



E16546



706568



B00032



30000E



# Inverse Universe

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



E14672



FF2B67



46C2E1



706568



B00032

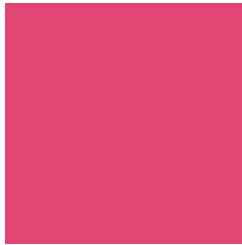


30000E



# Previews

## White Background



This preview shows how the Hex color E14672 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 E14672 Background



This preview shows how black text looks on a background with the Hex color E14672.



This preview shows how white text looks on a background with the Hex color E14672.

# 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**  
E14672

**Protanopia**  
7E8091

**Deuteranopia**  
957C6B

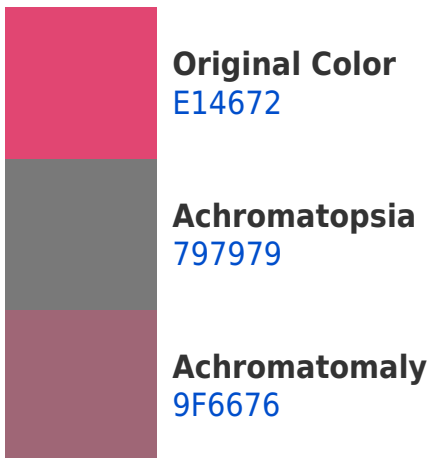


**Tritanopia**  
DF4D51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E14672 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 #E14672 looks like.

```
.text, #text, p{  
    color:#E14672  
}
```

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 #E14672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E14672
}
```

## Border

The CSS property to change the border of an element to Hex E14672 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
#E14672 }
```

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

```
.border{ border-color:#E14672 }
```

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

Here you see how a box with a 4 pixel #E14672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E14672; -webkit-box-shadow:4px 4px  
4px 4px #E14672; box-shadow:4px 4px 4px  
4px #E14672 }
```

# Background

The CSS property to change the background color of an element to Hex E14672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E14672 }
```

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

```
.background{ background-color:#E14672 }
```

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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