

# Converting Colors

Hex(E4184C)

Have a look what the booklet for  
Hex(E4184C) contains.

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# Color

Hex(E4184C)

# Conversions

## Conversions Part 1

Format	Color
Hex	E4184C
RGB	228, 24, 76
RGB Percent	89%, 9%, 30%
CMY	0.1059, 0.9059, 0.7020
CMYK	0.00, 0.89, 0.67, 0.11
HSL	345°, 81%, 49%
HSV	345°, 89%, 89%
XYZ	33.6260, 17.6691, 8.4757
YIQ	90.9240, 104.8920, 59.4200

# Conversions

## Conversions Part 2

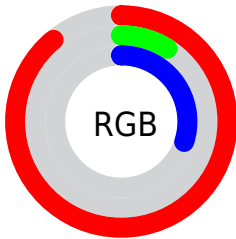
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">228, 24, 76</a>
Decimal	<a href="#">14948428</a>
CIELab	<a href="#">49.09, 73.06, 26.83</a>
CIElCh	<a href="#">49, 77.832, 20.167</a>
Yxy	<a href="#">17.6691, 0.5626, 0.2956</a>
Android (android.graphics.Color)	<a href="#">4293138508 (0xFFE4184C)</a>
YUV	<a href="#">90.9240, -7.3575, 120.2157</a>
Hunter-Lab	<a href="#">42.0346, 69.2327, 17.4692</a>

# Details

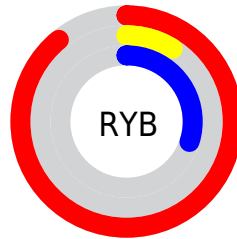
The Hex color **E4184C** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **18E4B0**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF627D**, and **A40021** is the 20% darker color. If you saturate the color by 10%, you get **E4013B**, and if you desaturate by 10%, it is **E42F5D**.

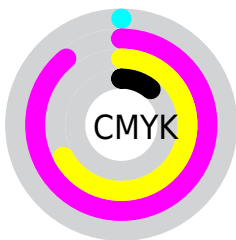
# Distribution



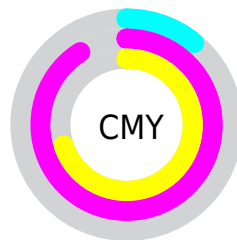
- Red (89%)
- Green (9%)
- Blue (30%)



- Red (89%)
- Yellow (9%)
- Blue (30%)



- Cyan (0%)
- Magenta (89%)
- Yellow (67%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4184C 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 E4184C by changing the saturation by 10% instead.



 E4184C

 E4184C

FFFFFF

 C40036

 FF627D

 A40021

 FF8196

 85000C

 FF9EB1

 650002

 FFBCCC

 480004

 FFDAE8

 270001

 FFF8FF

 000000

 E4184C

 E4184C

 E4013B

 E42F5D

 E4003A

 E4466E

 E45C7F

 E47390

 E48AA1

 E4A1B2

 E4B8C3

 E4CED4

 E4E5E5

# Harmonies

## Analogous

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



DC138D



E4184C



CD4900

# Triad

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



E4184C



008A0B



0084F8

# Complementary

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



E4184C



18E4B0

# 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.



008EDA



E4184C



008F5C

# Square

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



E4184C



647F00



0090A1



1D6DF2

# Rectangle

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



E4184C



B16100



0090A1



0088F2



# Sweetspot

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



E4184C



FFBACC



AE18E4



805761



000000



808080



# Same Dimension

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



E4184C



FF0041



E44818



73676A



B3002E



33000D



# Inverse Universe

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



E4184C



FF0041



18B4E4



73676A



B3002D



33000D



# Previews

## White Background



This preview shows how the Hex color E4184C looks on a white 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

# 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 E4184C Background



This preview shows how black text looks on a background with the Hex color E4184C.



This preview shows how white text looks on a background with the Hex color E4184C.

# 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**  
E4184C

**Protanopia**  
79756E

**Deuteranopia**  
907042



**Tritanopia**  
E32523

# Trichromacy



**Original Color**  
E4184C



**Protanomaly**  
A05362



**Deuteranomaly**  
AF5046



**Tritanomaly**  
E32032

# Monochromacy



**Original Color**  
E4184C



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
8D4356

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4184C 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 #E4184C looks like.

```
.text, #text, p{  
  color:#E4184C  
}
```

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 #E4184C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4184C
}
```

## Border

The CSS property to change the border of an element to Hex E4184C 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
#E4184C }
```

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

```
.border{ border-color:#E4184C }
```

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

Here you see how a box with a 4 pixel #E4184C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4184C; -webkit-box-shadow:4px 4px  
4px 4px #E4184C; box-shadow:4px 4px 4px  
4px #E4184C }
```

# Background

The CSS property to change the background color of an element to Hex E4184C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4184C }
```

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

```
.background{ background-color:#E4184C }
```

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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