

# Converting Colors

Hex(E12F40)

Have a look what the booklet for  
Hex(E12F40) contains.

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# Color

**Hex(E12F40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E12F40
RGB	225, 47, 64
RGB Percent	88%, 18%, 25%
CMY	0.1176, 0.8157, 0.7490
CMYK	0.00, 0.79, 0.72, 0.12
HSL	354°, 75%, 53%
HSV	354°, 79%, 88%
XYZ	32.9933, 18.4107, 6.6652
YIQ	102.1600, 100.6310, 43.0230

# Conversions

## Conversions Part 2

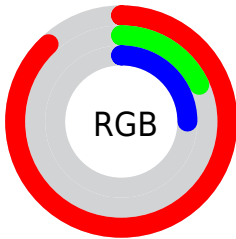
<b>Format</b>	<b>Color</b>
<b>RYB</b>	225, 47, 64
Decimal	14757696
CIELab	49.99, 66.96, 34.95
CIELCh	50, 75.531, 27.567
Yxy	18.4107, 0.5682, 0.3170
Android (android.graphics.Color)	4292947776 (0xFFE12F40)
YUV	102.1600, -18.8129, 107.7307
Hunter-Lab	42.9077, 62.1663, 20.8255

# Details

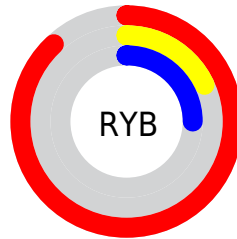
The Hex color **E12F40** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **2FE1D0**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6E70**, and **A10015** is the 20% darker color. If you saturate the color by 10%, you get **E1182C**, and if you desaturate by 10%, it is **E14654**.

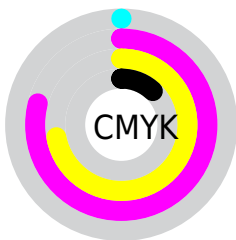
# Distribution



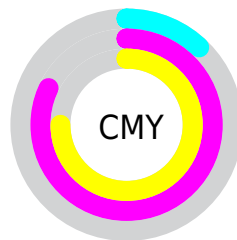
- Red (88%)
- Green (18%)
- Blue (25%)



- Red (88%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (79%)
- Yellow (72%)
- Black (12%)



- Cyan (12%)
- Magenta (82%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E12F40 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 E12F40 by changing the saturation by 10% instead.



 E12F40

 E12F40

FFFFFF

 C1002A

 FF6E70

 A10015

 FF8B89

 820000

 FFA8A4

 630000

 FFC5BF


 460004

 FFE3DB

 250001

 FFFFF7

 000000

 E12F40

 E12F40

 E1182C

 E14654

 E10217

 E15C69

 E10015

 E1727D

 E18991

 E1A0A6

 E1B6BA

 E1CCCE

 E1E3E3

 E1F9F7

# Harmonies

## Analogous

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



E21B7F



E12F40



C45600

# Triad

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



E12F40



008D2A



0081F9

# Complementary

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



E12F40



2FE1D0

# 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.



008EE4



E12F40



009270

# Square

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



E12F40



568400



0092B1



6168EA

# Rectangle

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



E12F40



A66A00



0092B1



0087F6



# Sweetspot

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



E12F40



FFC2C8



CF2FE1



805B5E



000000



808080



# Same Dimension

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



E12F40



FF0D24



E1762F



706566



B00011



300005



# Inverse Universe

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



E12F40



FF0D24



2F9AE1



706566



B00011



300005



# Previews

## White Background



This preview shows how the Hex color E12F40 looks on a white background.

## Color Contrast Check

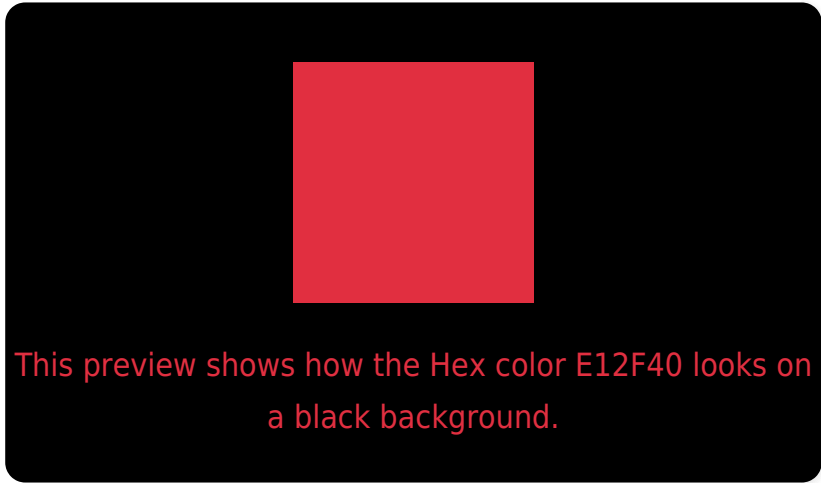
Large Text (above 18pt) WCAG AA ✓ Pass

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 E12F40 Background



This preview shows how black text looks on a background with the Hex color E12F40.

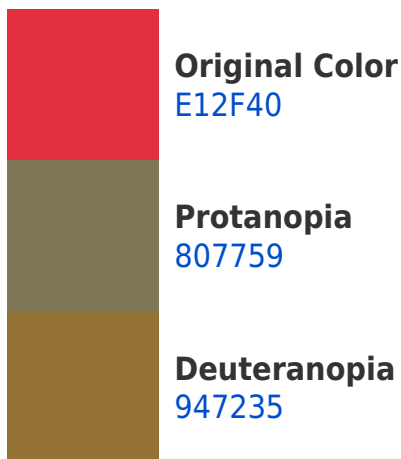


This preview shows how white text looks on a background with the Hex color E12F40.

# 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





**Tritanopia**  
E13232

# Trichromacy



**Original Color**  
E12F40

**Protanomaly**  
A35D50

**Deuteranomaly**  
B05A39

**Tritanomaly**  
E13137

# Monochromacy



**Original Color**  
E12F40

**Achromatopsia**  
666666

**Achromatomaly**  
935258

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E12F40 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 #E12F40 looks like.

```
.text, #text, p{  
    color:#E12F40  
}
```

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 #E12F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12F40
}
```

## Border

The CSS property to change the border of an element to Hex E12F40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

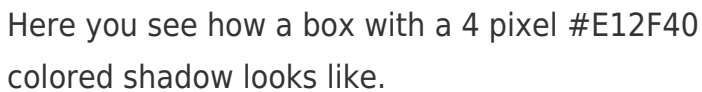
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E12F40 }
```

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

```
.border{ border-color:#E12F40 }
```

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



Here you see how a box with a 4 pixel #E12F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12F40; -webkit-box-shadow:4px 4px  
4px 4px #E12F40; box-shadow:4px 4px 4px  
4px #E12F40 }
```

# Background

The CSS property to change the background color of an element to Hex E12F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12F40 }
```

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

```
.background{ background-color:#E12F40 }
```

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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