

Converting Colors

Hex(E30C3E)

Have a look what the booklet for
Hex(E30C3E) contains.

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Color

Hex(E30C3E)

Conversions

Conversions Part 1

Format	Color
Hex	E30C3E
RGB	227, 12, 62
RGB Percent	89%, 5%, 24%
CMY	0.1098, 0.9529, 0.7569
CMYK	0.00, 0.95, 0.73, 0.11
HSL	346°, 90%, 47%
HSV	346°, 95%, 89%
XYZ	32.6795, 16.9416, 6.1051
YIQ	81.9850, 112.0900, 61.1300

Conversions

Conversions Part 2

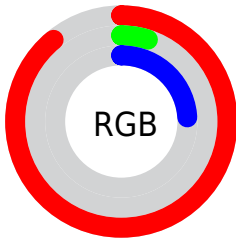
Format	Color
R_{YB}	227, 12, 62
Decimal	14879806
CIE Lab	48.19, 73.61, 34.12
CIE LCh	48, 81.136, 24.866
Yxy	16.9416, 0.5864, 0.3040
Android (android.graphics.Color)	4293069886 (0xFFE30C3E)
YUV	81.9850, -9.8526, 127.1782
Hunter-Lab	41.1602, 69.6913, 20.0180

Details

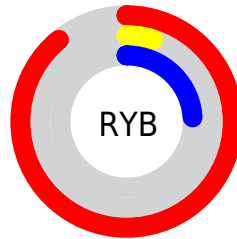
The Hex color **E30C3E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0CE3B1**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5E6D**, and **A20014** is the 20% darker color. If you saturate the color by 10%, you get **E30035**, and if you desaturate by 10%, it is **E3234F**.

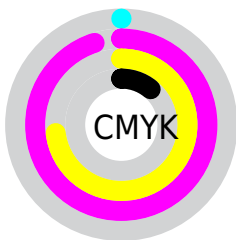
Distribution



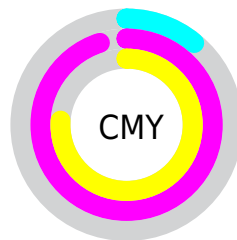
- Red (89%)
- Green (5%)
- Blue (24%)



- Red (89%)
- Yellow (5%)
- Blue (24%)



- Cyan (0%)
- Magenta (95%)
- Yellow (73%)
- Black (11%)



- Cyan (11%)
- Magenta (95%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E30C3E 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 E30C3E by changing the saturation by 10% instead.

 E30C3E

 E30C3E

FFFFFF

 C30028

 FF5E6D

 A20014

 FF7D87

 830000

 FF9AA1

 630002

 FFB8BC

 450003

 FFD6D8

 240001

 FFF4F4

 000000

 E30C3E

 E30C3E

 E30035

 E3234F

 E33961

 E35072

 E36784

 E37D95

 E394A7

 E3ABB8

 E3C2C9

 E3D8DB

Harmonies

Analogous

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



E10081



E30C3E



C64A00

Triad

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



E30C3E



008914



007FFD

Complementary

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



E30C3E



0CE3B1

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.



008BE3



E30C3E



008E64

Square

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



E30C3E



547F00



008FAB



4266F1

Rectangle

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



E30C3E



A86200



008FAB



0085F9

Sweetspot

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



E30C3E



FFB8C8



B10CE3



80545E



000000



808080

Same Dimension

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



E30C3E



FF003B



E3450C



73676A



B3002A



33000C

Inverse Universe

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



E30C3E



FF003B



0CAAE3



73676A



B3002A



33000C

Previews

White Background



This preview shows how the Hex color E30C3E looks on a white background.

Color Contrast Check

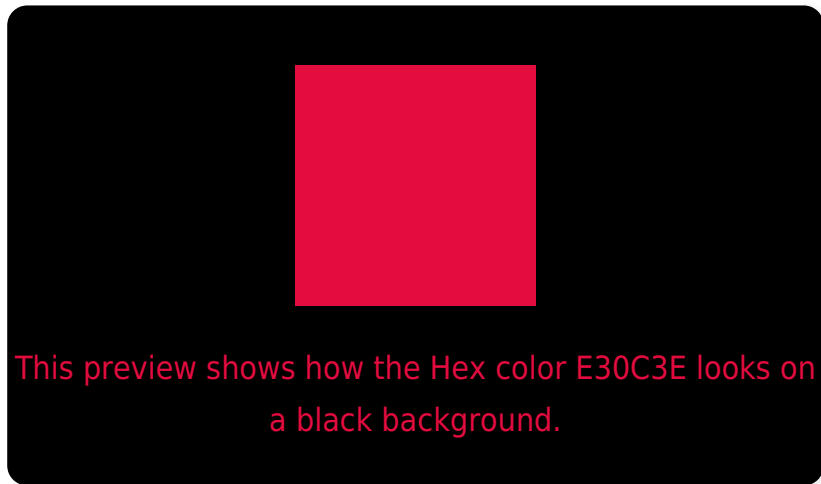
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E30C3E Background



This preview shows how black text looks on a background with the Hex color E30C3E.



This preview shows how white text looks on a background with the Hex color E30C3E.

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
E30C3E

Protanopia
7B735C

Deuteranopia
8F6E32



Tritanopia
E21B16

Trichromacy



Original Color
E30C3E



Protanomaly
A14E51



Deuteranomaly
AE4A36



Tritanomaly
E21625

Monochromacy



Original Color
E30C3E



Achromatopsia
525252



Achromatomaly
87394B

CSS Examples

Text

The CSS property to change the color of the text to Hex E30C3E 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 #E30C3E looks like.

```
.text, #text, p{  
    color:#E30C3E  
}
```

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 #E30C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E30C3E
}
```

Border

The CSS property to change the border of an element to Hex E30C3E 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
#E30C3E }
```

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

```
.border{ border-color:#E30C3E }
```

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

Here you see how a box with a 4 pixel #E30C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E30C3E; -webkit-box-shadow:4px 4px  
4px 4px #E30C3E; box-shadow:4px 4px 4px  
4px #E30C3E }
```

Background

The CSS property to change the background color of an element to Hex E30C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E30C3E }
```

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

```
.background{ background-color:#E30C3E }
```

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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