

Converting Colors

Hex(E30730)

Have a look what the booklet for
Hex(E30730) contains.

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Color

Hex(E30730)

Conversions

Conversions Part 1

Format	Color
Hex	E30730
RGB	227, 7, 48
RGB Percent	89%, 3%, 19%
CMY	0.1098, 0.9725, 0.8118
CMYK	0.00, 0.97, 0.79, 0.11
HSL	349°, 94%, 46%
HSV	349°, 97%, 89%
XYZ	32.2880, 16.6963, 4.3172
YIQ	77.4540, 117.9590, 59.3910

Conversions

Conversions Part 2

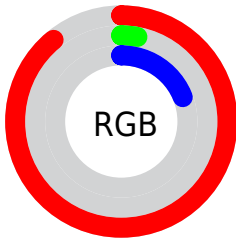
Format	Color
RYB	227, 7, 48
Decimal	14878512
CIELab	47.88, 73.55, 41.93
CIELCh	48, 84.665, 29.686
Yxy	16.6963, 0.6058, 0.3132
Android (android.graphics.Color)	4293068592 (0xFFE30730)
YUV	77.4540, -14.5208, 131.1518
Hunter-Lab	40.8610, 69.5423, 22.3384

Details

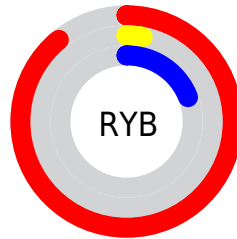
The Hex color **E30730** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **07E3BA**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5D5F**, and **A20004** is the 20% darker color. If you saturate the color by 10%, you get **E3002A**, and if you desaturate by 10%, it is **E31E42**.

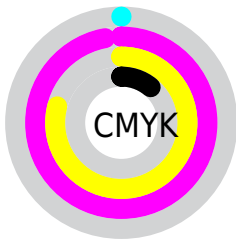
Distribution



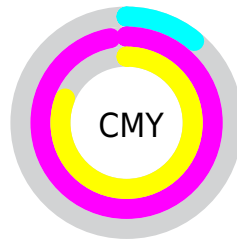
- Red (89%)
- Green (3%)
- Blue (19%)



- Red (89%)
- Yellow (3%)
- Blue (19%)



- Cyan (0%)
- Magenta (97%)
- Yellow (79%)
- Black (11%)



- Cyan (11%)
- Magenta (97%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E30730 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 E30730 by changing the saturation by 10% instead.

 E30730

 E30730

FFFFFF

 C2001B

 FF5D5F

 A20004

 FF7B78

 820000

 FF9991

 620002

 FFB7AC

 440003

 FFD4C7

 230001

 FFF3E4

 000000

 E30730

 E30730

 E3002A

 E31E42

 E33455

 E34B67

 E3627A

 E3798C

 E38F9F

 E3A6B1

 E3BDC4

 E3D3D6

Harmonies

Analogous

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



E70076



E30730



C14E00

Triad

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



E30730



008A1F



007CFF

Complementary

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



E30730



07E3BA

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.



008AEE



E30730



008E6F

Square

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



E30730



418100



008EB7



5D5EF0

Rectangle

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



E30730



9F6600



008EB7



0082FF

Sweetspot

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



E30730



FFB5C3



B707E3



80535B



000000



808080

Same Dimension

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



E30730



FF0030



E34907



736769



B30021



33000A

Inverse Universe

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



E30730



FF0030



07A1E3



736769



B30021



33000A

Previews

White Background



This preview shows how the Hex color E30730 looks on a white background.

Color Contrast Check

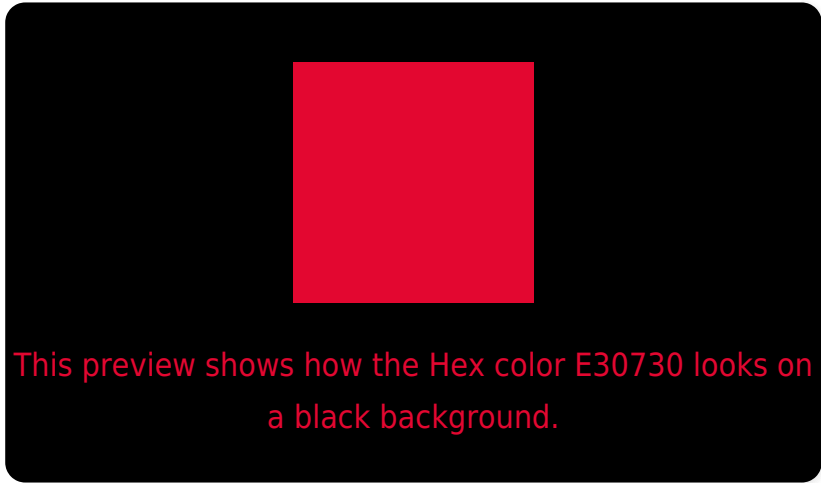
Large Text (above 18pt) WCAG AA ✓ Pass

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 E30730 Background



This preview shows how black text looks on a background with the Hex color E30730.



This preview shows how white text looks on a background with the Hex color E30730.

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
E30730

Protanopia
7D734A

Deuteranopia
916D20



Tritanopia
E21509

Trichromacy



Original Color
E30730



Protanomaly
A24C41



Deuteranomaly
AF4826



Tritanomaly
E21017

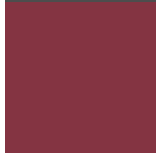
Monochromacy



Original Color
E30730



Achromatopsia
4D4D4D



Achromatomaly
843442

CSS Examples

Text

The CSS property to change the color of the text to Hex E30730 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 #E30730 looks like.

```
.text, #text, p{  
    color:#E30730  
}
```

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 #E30730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E30730
}
```

Border

The CSS property to change the border of an element to Hex E30730 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
#E30730 }
```

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

```
.border{ border-color:#E30730 }
```

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

Here you see how a box with a 4 pixel #E30730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E30730; -webkit-box-shadow:4px 4px  
4px 4px #E30730; box-shadow:4px 4px 4px  
4px #E30730 }
```

Background

The CSS property to change the background color of an element to Hex E30730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E30730 }
```

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

```
.background{ background-color:#E30730 }
```

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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