

Converting Colors

Hex(E30D22)

Have a look what the booklet for
Hex(E30D22) contains.

Hex(E30D22)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E30D22)

Conversions

Conversions Part 1

Format	Color
Hex	E30D22
RGB	227, 13, 34
RGB Percent	89%, 5%, 13%
CMY	0.1098, 0.9490, 0.8667
CMYK	0.00, 0.94, 0.85, 0.11
HSL	354°, 89%, 47%
HSV	354°, 94%, 89%
XYZ	32.1112, 16.7342, 3.0510
YIQ	79.3800, 120.8030, 51.8990

Conversions

Conversions Part 2

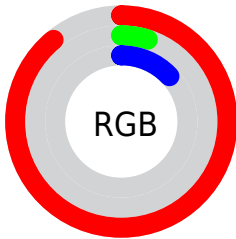
Format	Color
RYB	227, 13, 34
Decimal	14880034
CIELab	47.92, 72.71, 49.47
CIELCh	48, 87.938, 34.230
Yxy	16.7342, 0.6188, 0.3225
Android (android.graphics.Color)	4293070114 (0xFFE30D22)
YUV	79.3800, -22.3723, 129.4627
Hunter-Lab	40.9075, 68.5292, 24.2133

Details

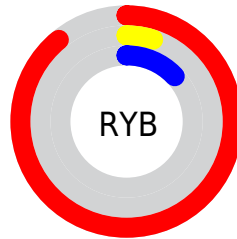
The Hex color **E30D22** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **0DE3CE**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5E51**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E30016**, and if you desaturate by 10%, it is **E32436**.

Distribution



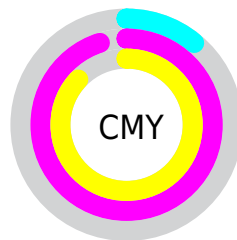
- Red (89%)
- Green (5%)
- Blue (13%)



- Red (89%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (94%)
- Yellow (85%)
- Black (11%)



- Cyan (11%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E30D22 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 E30D22 by changing the saturation by 10% instead.

 E30D22

 E30D22

FFFFFF

 C2000B

 FF5E51

 A20000

 FF7C69

 810000

 FF9A83

 610002

 FFB79D

 440003

 FFD5B9

 220001

 FFF3D4

 000000

 FFFFF1

 E30D22

 E30D22

 E30016

 E32436

 E33A4B

 E3515F

 E36874

 E37E88

 E3959D

 E3ACB1

 E3C3C6

 E3D9DA

Harmonies

Analogous

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



ED006B



E30D22



BC5300

Triad

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



E30D22



008C2A



0079FF

Complementary

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



E30D22



0DE3CE

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.



008AF9



E30D22



008F7B

Square

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



E30D22



2B8400



008FC4



7457EF

Rectangle

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



E30D22



976A00



008FC4



0081FF

Sweetspot

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



E30D22



FFB8BF



CE0DE3



805458



000000



808080

Same Dimension

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



E30D22



FF0019



E3630D



736768



B30012



330005

Inverse Universe

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



E30D22



FF0019



0D8DE3



736768



B30012



330005

Previews

White Background



This preview shows how the Hex color E30D22 looks on a white background.

Color Contrast Check

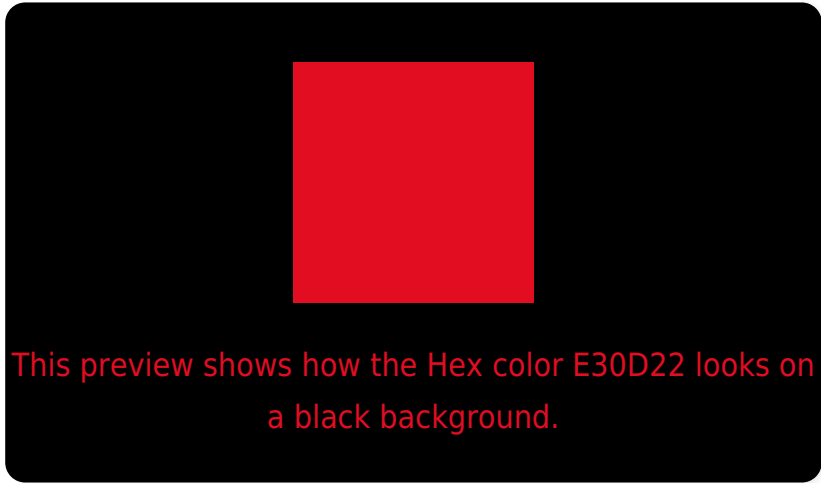
Large Text (above 18pt) WCAG AA ✓ Pass

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 E30D22 Background



This preview shows how black text looks on a background with the Hex color E30D22.



This preview shows how white text looks on a background with the Hex color E30D22.

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
E30D22

Protanopia
7F7337

Deuteranopia
916D00



Tritanopia
E31400

Trichromacy



Original Color
E30D22



Protanomaly
A34E2F



Deuteranomaly
AF4A0C



Tritanomaly
E3110C

Monochromacy



Original Color
E30D22



Achromatopsia
4F4F4F



Achromatomaly
85373F

CSS Examples

Text

The CSS property to change the color of the text to Hex E30D22 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 #E30D22 looks like.

```
.text, #text, p{  
    color:#E30D22  
}
```

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 #E30D22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E30D22
}
```

Border

The CSS property to change the border of an element to Hex E30D22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

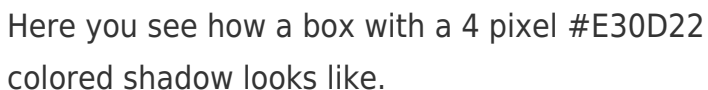
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E30D22 }
```

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

```
.border{ border-color:#E30D22 }
```

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



Here you see how a box with a 4 pixel `#E30D22` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E30D22; -webkit-box-shadow:4px 4px  
4px 4px #E30D22; box-shadow:4px 4px 4px  
4px #E30D22 }
```

Background

The CSS property to change the background color of an element to Hex E30D22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E30D22 }
```

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

```
.background{ background-color:#E30D22 }
```

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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