

Converting Colors

Hex(E31616)

Have a look what the booklet for
Hex(E31616) contains.

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Color

Hex(E31616)

Conversions

Conversions Part 1

Format	Color
Hex	E31616
RGB	227, 22, 22
RGB Percent	89%, 9%, 9%
CMY	0.1098, 0.9137, 0.9137
CMYK	0.00, 0.90, 0.90, 0.11
HSL	0°, 82%, 49%
HSV	0°, 90%, 89%
XYZ	32.1103, 16.9626, 2.3408
YIQ	83.2950, 122.1800, 43.4600

Conversions

Conversions Part 2

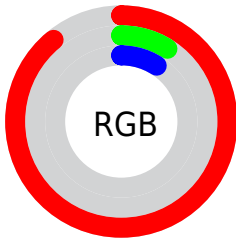
Format	Color
R_{YB}	227, 22, 22
Decimal	14882326
CIE _{Lab}	48.21, 71.45, 55.10
CIE _{LCh}	48, 90.232, 37.637
Yxy	16.9626, 0.6245, 0.3299
Android (android.graphics.Color)	4293072406 (0xFFE31616)
YUV	83.2950, -30.2184, 126.0293
Hunter-Lab	41.1857, 67.0918, 25.4603

Details

The Hex color **E31616** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **16E3E3**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6046**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E30000**, and if you desaturate by 10%, it is **E32D2D**.

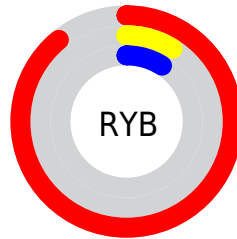
Distribution



Red (89%)

Green (9%)

Blue (9%)



Red (89%)

Yellow (9%)

Blue (9%)

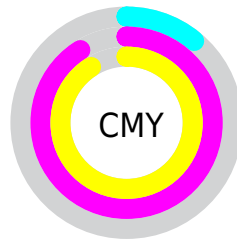


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (11%)



Cyan (11%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E31616 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 E31616 by changing the saturation by 10% instead.

 E31616

 E31616

FFFFFF

 C20000

 FF6046

 A10000

 FF7E5F

 810000

 FF9C79

 610001

 FFB993

 440003

 FFD7AE

 220001

 FFF5CA

 000000

 FFFFE6

 E31616

 E31616

 E30000

 E32D2D

 E34343

 E35A5A

 E37171

 E38888

 E39E9E

 E3B5B5

 E3CCCC

 E3E2E2

Harmonies

Analogous

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



F20063



E31616



B85700

Triad

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



E31616



008D33



0077FF

Complementary

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



E31616



16E3E3

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.



008AFF



E31616



009085

Square

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



E31616



0C8600



0090CF



8451ED

Rectangle

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



E31616



916E00



0090CF



007FFF

Sweetspot

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



E31616



FFBABA



E316E3



805757



000000



808080

Same Dimension

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



E31616



FF0000



E37D16



736767



B30000



330000

Inverse Universe

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



16E3E3



00FFFF



167DE3



677373



00B3B3



003333

Previews

White Background



This preview shows how the Hex color E31616 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 E31616 Background



This preview shows how black text looks on a background with the Hex color E31616.



This preview shows how white text looks on a background with the Hex color E31616.

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
E31616

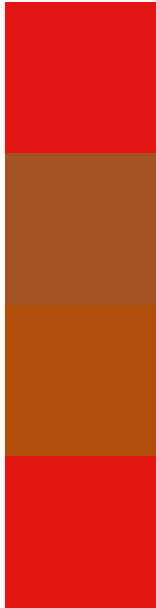
Protanopia
817429

Deuteranopia
926E00



Tritanopia
E3170E

Trichromacy



Original Color
E31616

Protanomaly
A55222

Deuteranomaly
AF4E08

Tritanomaly
E31711

Monochromacy



Original Color
E31616

Achromatopsia
535353

Achromatomaly
873D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex E31616 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 #E31616 looks like.

```
.text, #text, p{  
    color:#E31616  
}
```

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 #E31616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E31616
}
```

Border

The CSS property to change the border of an element to Hex E31616 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".

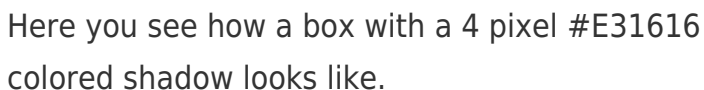
```
.border, #border, table{ border:4px solid
#E31616 }
```

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

```
.border{ border-color:#E31616 }
```

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

Here you see how a box with a 4 pixel #E31616 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #E31616 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E31616; -webkit-box-shadow:4px 4px  
4px 4px #E31616; box-shadow:4px 4px 4px  
4px #E31616 }
```

Background

The CSS property to change the background color of an element to Hex E31616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E31616 }
```

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

```
.background{ background-color:#E31616 }
```

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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