

Converting Colors

Hex(E01919)

Have a look what the booklet for
Hex(E01919) contains.

Hex(E01919)	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(E01919)

Conversions

Conversions Part 1

Format	Color
Hex	E01919
RGB	224, 25, 25
RGB Percent	88%, 10%, 10%
CMY	0.1216, 0.9020, 0.9020
CMYK	0.00, 0.89, 0.89, 0.12
HSL	0°, 80%, 49%
HSV	0°, 89%, 88%
XYZ	31.2636, 16.6127, 2.4785
YIQ	84.5010, 118.6040, 42.1880

Conversions

Conversions Part 2

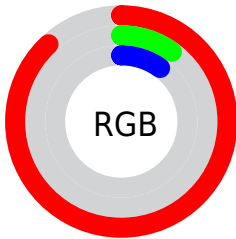
Format	Color
R_{YB}	224, 25, 25
Decimal	14686489
CIE Lab	47.77, 70.28, 53.26
CIE LCh	48, 88.186, 37.157
Yxy	16.6127, 0.6209, 0.3299
Android (android.graphics.Color)	4292876569 (0xFFE01919)
YUV	84.5010, -29.3340, 122.3406
Hunter-Lab	40.7587, 65.5888, 24.9257

Details

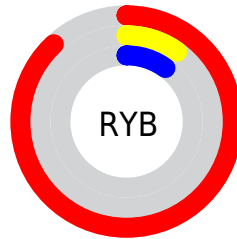
The Hex color **E01919** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **19E0E0**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6149**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E00303**, and if you desaturate by 10%, it is **E02F2F**.

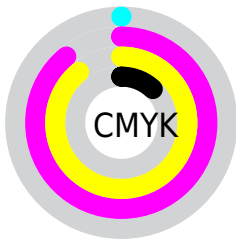
Distribution



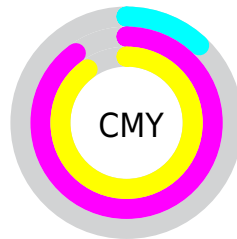
- Red (88%)
- Green (10%)
- Blue (10%)



- Red (88%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (89%)
- Yellow (89%)
- Black (12%)



- Cyan (12%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color E01919 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 E01919 by changing the saturation by 10% instead.

 E01919

 E01919

FFFFFF

 BF0000

 FF6149

 9F0000

 FF7F61

 7E0000

 FF9C7B

 5F0001

 FFB995

 420003

 FFD7B0

 1F0001

 FFF5CC

 000000

 FFFF E9

 E01919

 E01919

 E00303

 E02F2F

 E00000

 E04646

 E05C5C

 E07373

 E08989

 E09F9F

 E0B6B6

 E0CCCC

 E0E3E3

Harmonies

Analogous

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



EE0063



E01919



B75600

Triad

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



E01919



008C32



0077FF

Complementary

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



E01919



19E0E0

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.



0089FC



E01919



008F82

Square

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



E01919



178400



008FCB



8152EA

Rectangle

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



E01919



916C00



008FCB



007EFF

Sweetspot

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



E01919



FFBABA



E019E0



805757



000000



808080

Same Dimension

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



E01919



FF0000



E07D19



706565



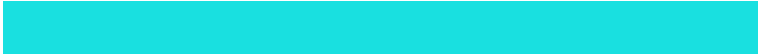
B00000



300000

Inverse Universe

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



19E0E0



00FFFF



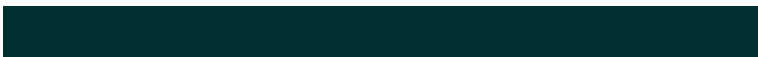
197DE0



657070



00B0B0



003030

Previews

White Background



This preview shows how the Hex color E01919 looks on a white background.

Color Contrast Check

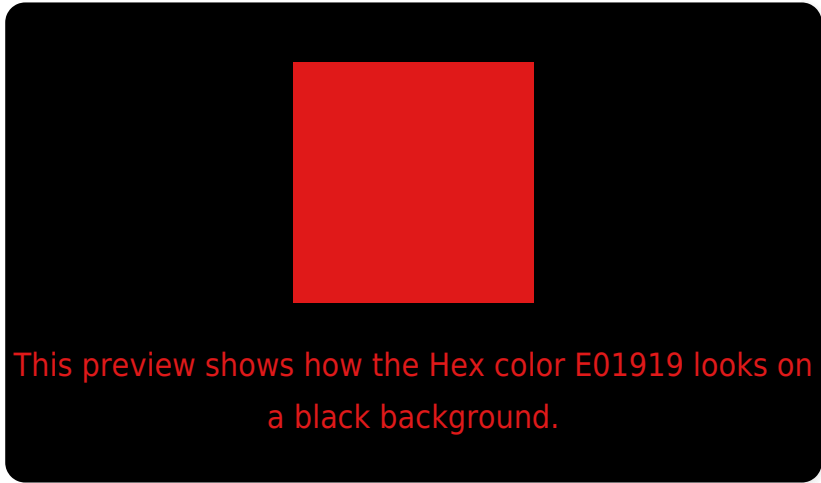
Large Text (above 18pt) WCAG AA ✓ Pass

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 E01919 Background



This preview shows how black text looks on a background with the Hex color E01919.



This preview shows how white text looks on a background with the Hex color E01919.

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
E01919

Protanopia
80732C

Deuteranopia
906D00



Tritanopia
E01A13

Trichromacy



Original Color
E01919

Protanomaly
A35225

Deuteranomaly
AD4E09

Tritanomaly
E01A15

Monochromacy



Original Color
E01919

Achromatopsia
555555

Achromatomaly
883F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex E01919 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 #E01919 looks like.

```
.text, #text, p{  
    color:#E01919  
}
```

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 #E01919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E01919
}
```

Border

The CSS property to change the border of an element to Hex E01919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

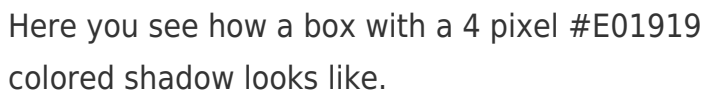
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E01919 }
```

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

```
.border{ border-color:#E01919 }
```

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



Here you see how a box with a 4 pixel #E01919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E01919; -webkit-box-shadow:4px 4px  
4px 4px #E01919; box-shadow:4px 4px 4px  
4px #E01919 }
```

Background

The CSS property to change the background color of an element to Hex E01919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E01919 }
```

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

```
.background{ background-color:#E01919 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor