

Converting Colors

Hex(E20119)

Have a look what the booklet for
Hex(E20119) contains.

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Color

Hex(E20119)

Conversions

Conversions Part 1

Format	Color
Hex	E20119
RGB	226, 1, 25
RGB Percent	89%, 0%, 10%
CMY	0.1137, 0.9961, 0.9020
CMYK	0.00, 1.00, 0.89, 0.11
HSL	354°, 99%, 45%
HSV	354°, 100%, 89%
XYZ	31.5504, 16.2606, 2.3954
YIQ	71.0110, 126.3960, 55.1640

Conversions

Conversions Part 2

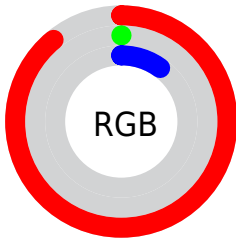
Format	Color
RYB	226, 1, 25
Decimal	14811417
CIELab	47.31, 73.29, 53.12
CIElCh	47, 90.518, 35.935
Yxy	16.2606, 0.6284, 0.3239
Android (android.graphics.Color)	4293001497 (0xFFE20119)
YUV	71.0110, -22.6834, 135.9254
Hunter-Lab	40.3245, 69.0926, 24.7051

Details

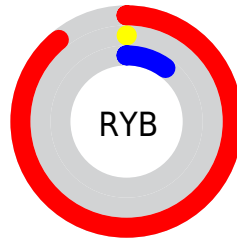
The Hex color **E20119** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **01E2CA**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5B48**, and **A00000** is the 20% darker color. If you saturate the color by 10%, you get **E20018**, and if you desaturate by 10%, it is **E2182D**.

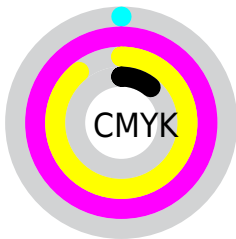
Distribution



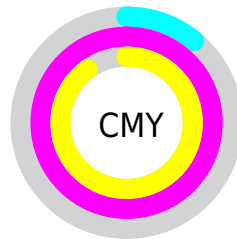
- Red (89%)
- Green (0%)
- Blue (10%)



- Red (89%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (89%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color E20119 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 E20119 by changing the saturation by 10% instead.

 E20119

 E20119

FFFFFF

 C10001

 FF5B48

 A00000

 FF7961

 800000

 FF977A

 600002

 FFB495

 420003

 FFD2B0

 200001

 FFF0CB

 000000

 FFFFE8

 E20119

 E20119

 E20018

 E2182D

 E22E41

 E24556

 E25B6A

 E2727E

 E28992

 E29FA6

 E2B6BB

 E2CCCCF

Harmonies

Analogous

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



EF0065



E20119



B95300

Triad

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



E20119



008B2B



0077FF

Complementary

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



E20119



01E2CA

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.



0088FE



E20119



008E7E

Square

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



E20119



178300



008EC9



7952EE

Rectangle

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



E20119



926A00



008EC9



007EFF

Sweetspot

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



E20119



FFB3BB



C801E2



805256



000000



808080

Same Dimension

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



E20119



FF001B



E25701



706566



B00013



300005

Inverse Universe

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



E20119



FF001B



018CE2



706566



B00013



300005

Previews

White Background



This preview shows how the Hex color E20119 looks on a white background.

Color Contrast Check

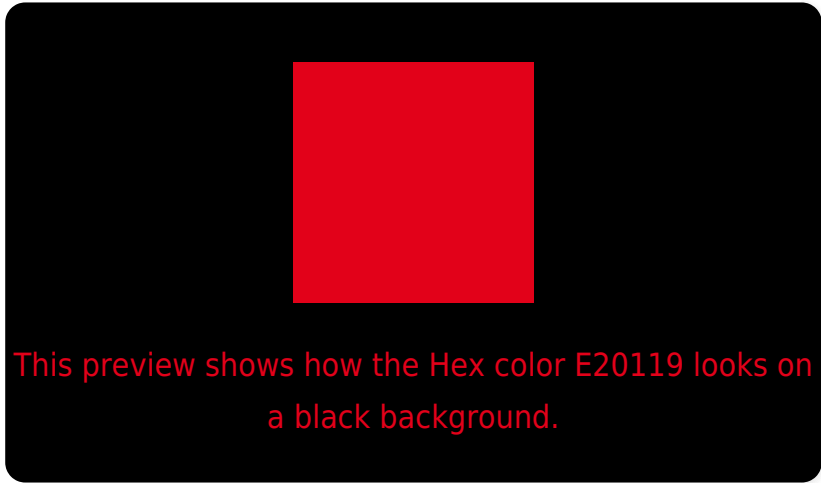
Large Text (above 18pt) WCAG AA ✓ Pass

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 E20119 Background



This preview shows how black text looks on a background with the Hex color E20119.



This preview shows how white text looks on a background with the Hex color E20119.

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
E20119

Protanopia
7F722D

Deuteranopia
906C00



Tritanopia
E11500

Trichromacy



Original Color
E20119



Protanomaly
A34926



Deuteranomaly
AE4509



Tritanomaly
E10E09

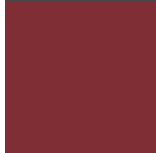
Monochromacy



Original Color
E20119



Achromatopsia
474747



Achromatomaly
7F2E36

CSS Examples

Text

The CSS property to change the color of the text to Hex E20119 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 #E20119 looks like.

```
.text, #text, p{  
    color:#E20119  
}
```

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 #E20119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E20119
}
```

Border

The CSS property to change the border of an element to Hex E20119 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".

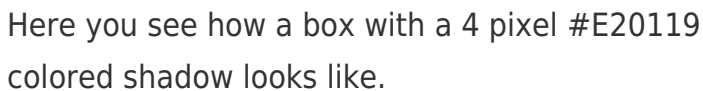
```
.border, #border, table{ border:4px solid
#E20119 }
```

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

```
.border{ border-color:#E20119 }
```

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

Here you see how a box with a 4 pixel #E20119 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E20119; -webkit-box-shadow:4px 4px  
4px 4px #E20119; box-shadow:4px 4px 4px  
4px #E20119 }
```

Background

The CSS property to change the background color of an element to Hex E20119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E20119 }
```

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

```
.background{ background-color:#E20119 }
```

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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