

Converting Colors

Hex(E51D29)

Have a look what the booklet for
Hex(E51D29) contains.

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Color

Hex(E51D29)

Conversions

Conversions Part 1

Format	Color
Hex	E51D29
RGB	229, 29, 41
RGB Percent	90%, 11%, 16%
CMY	0.1020, 0.8863, 0.8392
CMYK	0.00, 0.87, 0.82, 0.10
HSL	356°, 79%, 51%
HSV	356°, 87%, 90%
XYZ	33.1527, 17.6968, 3.7663
YIQ	90.1680, 115.3480, 46.1320

Conversions

Conversions Part 2

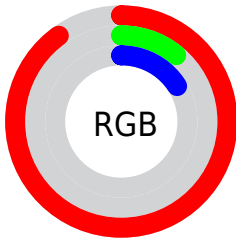
Format	Color
RYB	229, 29, 41
Decimal	15015209
CIELab	49.13, 71.25, 47.12
CIELCh	49, 85.419, 33.480
Yxy	17.6968, 0.6070, 0.3240
Android (android.graphics.Color)	4293205289 (0xFFE51D29)
YUV	90.1680, -24.2398, 121.7557
Hunter-Lab	42.0676, 67.0542, 24.1391

Details

The Hex color **E51D29** 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 **1DE5D9**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6458**, and **A40000** is the 20% darker color. If you saturate the color by 10%, you get **E50613**, and if you desaturate by 10%, it is **E5343F**.

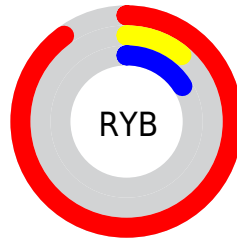
Distribution



Red (90%)

Green (11%)

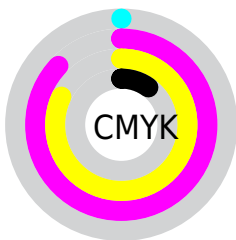
Blue (16%)



Red (90%)

Yellow (11%)

Blue (16%)

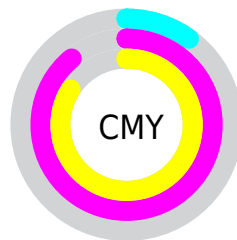


Cyan (0%)

Magenta (87%)

Yellow (82%)

Black (10%)



Cyan (10%)

Magenta (89%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E51D29 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 E51D29 by changing the saturation by 10% instead.

 E51D29

 E51D29

FFFFFF

 C40013

 FF6458

 A40000

 FF8271

 840000

 FF9F8B

 640001

 FFBD A5

 470004

 FFDAC0

 260001

 FFF9DD

 000000

 FFFFF9

 E51D29

 E51D29

 E50613

 E5343F

 E5000E

 E54B54

 E5626A

 E5797F

 E59095

 E5A6AA

 E5BDC0

 E5D4D5

 E5EBEB

Harmonies

Analogous

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



EE0070



E51D29



BF5600

Triad

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



E51D29



008E2D



007DFF

Complementary

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



E51D29



1DE5D9

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.



008DF8



E51D29



00927C

Square

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



E51D29



368600



0092C4



755CF0

Rectangle

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



E51D29



9C6D00



0092C4



0083FF

Sweetspot

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



E51D29



FFBDC1



D81DE5



80585A



000000



808080

Same Dimension

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



E51D29



FF000F



E5741D



736768



B3000B



330003

Inverse Universe

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



E51D29



FF000F



1D8EE5



736768



B3000B



330003

Previews

White Background



This preview shows how the Hex color E51D29 looks on a white background.

Color Contrast Check

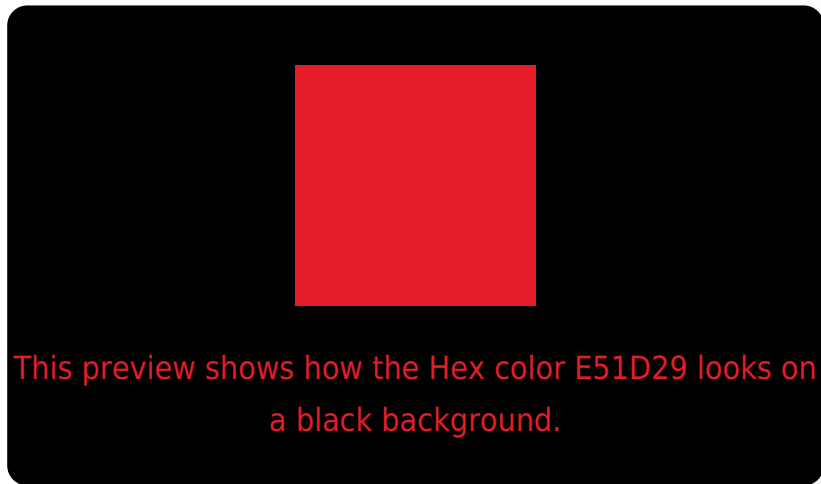
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E51D29 Background



This preview shows how black text looks on a background with the Hex color E51D29.



This preview shows how white text looks on a background with the Hex color E51D29.

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
E51D29

Protanopia
82763F

Deuteranopia
947015



Tritanopia
E51F1B

Trichromacy



Original Color
E51D29

Protanomaly
A65637

Deuteranomaly
B1521C

Tritanomaly
E51E20

Monochromacy



Original Color
E51D29

Achromatopsia
5A5A5A

Achromatomaly
8D4448

CSS Examples

Text

The CSS property to change the color of the text to Hex E51D29 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 #E51D29 looks like.

```
.text, #text, p{  
    color:#E51D29  
}
```

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 #E51D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E51D29
}
```

Border

The CSS property to change the border of an element to Hex E51D29 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
#E51D29 }
```

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

```
.border{ border-color:#E51D29 }
```

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

Here you see how a box with a 4 pixel #E51D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E51D29; -webkit-box-shadow:4px 4px  
4px 4px #E51D29; box-shadow:4px 4px 4px  
4px #E51D29 }
```

Background

The CSS property to change the background color of an element to Hex E51D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E51D29 }
```

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

```
.background{ background-color:#E51D29 }
```

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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