

Converting Colors

Hex(E31F21)

Have a look what the booklet for
Hex(E31F21) contains.

Hex(E31F21)	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(E31F21)

Conversions

Conversions Part 1

Format	Color
Hex	E31F21
RGB	227, 31, 33
RGB Percent	89%, 12%, 13%
CMY	0.1098, 0.8784, 0.8706
CMYK	0.00, 0.86, 0.85, 0.11
HSL	359°, 78%, 51%
HSV	359°, 86%, 89%
XYZ	32.4431, 17.4207, 3.0914
YIQ	89.8320, 116.1740, 42.1740

Conversions

Conversions Part 2

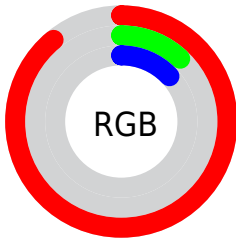
Format	Color
R_{YB}	227, 31, 33
Decimal	14884641
CIE _{Lab}	48.79, 70.18, 50.69
CIE _{LCh}	49, 86.573, 35.836
Yxy	17.4207, 0.6127, 0.3290
Android (android.graphics.Color)	4293074721 (0xFFE31F21)
YUV	89.8320, -28.0182, 120.2963
Hunter-Lab	41.7381, 65.7066, 24.8252

Details

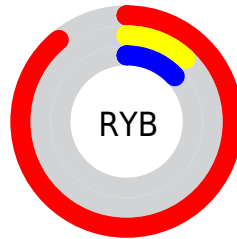
The Hex color **E31F21** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1FE3E1**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6450**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E3080B**, and if you desaturate by 10%, it is **E33637**.

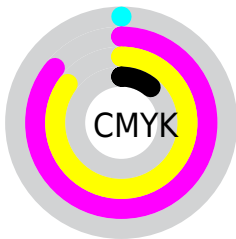
Distribution



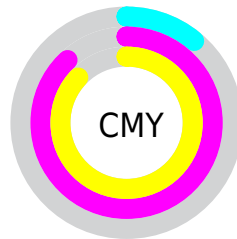
- Red (89%)
- Green (12%)
- Blue (13%)



- Red (89%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (86%)
- Yellow (85%)
- Black (11%)



- Cyan (11%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E31F21 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 E31F21 by changing the saturation by 10% instead.

 E31F21

 E31F21

FFFFFF

 C20009

 FF6450

 A20000

 FF8269

 810000

 FF9F83

 620001

 FFBD9D

 450003

 FFDAB8

 240001

 FFF8D4

 000000

 FFFFF1

 E31F21

 E31F21

 E3080B

 E33637

 E30002

 E34C4E

 E36364

 E37A7B

 E39091

 E3A7A8

 E3BEBE

 E3D5D5

 E3EBEB

Harmonies

Analogous

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



EF0069



E31F21



BB5800

Triad

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



E31F21



008E32



007AFF

Complementary

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



E31F21



1FE3E1

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.



008BFB



E31F21



009181

Square

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



E31F21



288600



0091C9



7E57ED

Rectangle

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



E31F21



966E00



0091C9



0081FF

Sweetspot

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



E31F21



FFBDBD



E01FE3



805858



000000



808080

Same Dimension

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



E31F21



FF0003



E37E1F



736767



B30002



330001

Inverse Universe

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



E31F21



FF0003



1F84E3



736767



B30002



330001

Previews

White Background



This preview shows how the Hex color E31F21 looks on a white background.

Color Contrast Check

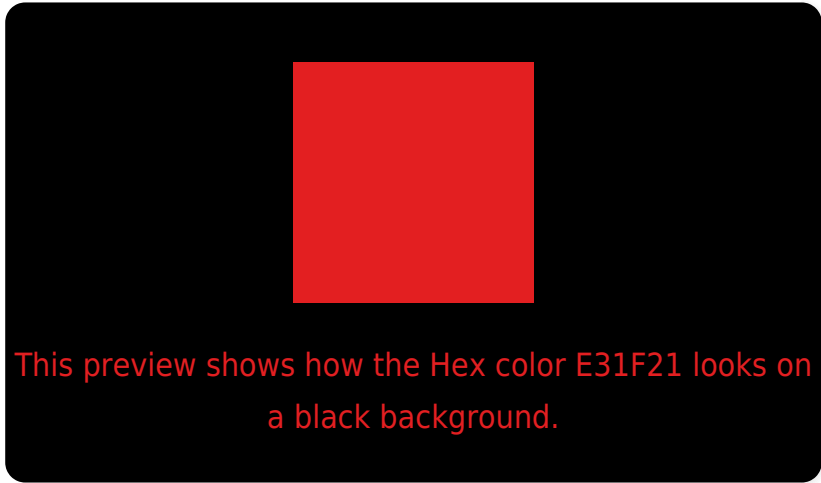
Large Text (above 18pt) WCAG AA ✓ Pass

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 E31F21 Background



This preview shows how black text looks on a background with the Hex color E31F21.



This preview shows how white text looks on a background with the Hex color E31F21.

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
E31F21

Protanopia
827535

Deuteranopia
946F00



Tritanopia
E3201C

Trichromacy



Original Color
E31F21

Protanomaly
A5562E

Deuteranomaly
B1520C

Tritanomaly
E3201E

Monochromacy



Original Color
E31F21

Achromatopsia
5A5A5A

Achromatomaly
8C4545

CSS Examples

Text

The CSS property to change the color of the text to Hex E31F21 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 #E31F21 looks like.

```
.text, #text, p{  
    color:#E31F21  
}
```

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 #E31F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E31F21
}
```

Border

The CSS property to change the border of an element to Hex E31F21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

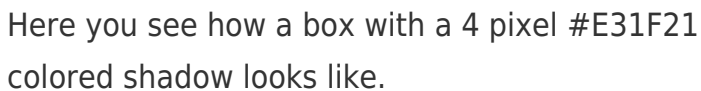
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E31F21 }
```

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

```
.border{ border-color:#E31F21 }
```

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



Here you see how a box with a 4 pixel `#E31F21` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E31F21; -webkit-box-shadow:4px 4px  
4px 4px #E31F21; box-shadow:4px 4px 4px  
4px #E31F21 }
```

Background

The CSS property to change the background color of an element to Hex E31F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E31F21 }
```

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

```
.background{ background-color:#E31F21 }
```

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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