

Converting Colors

Hex(E31545)

Have a look what the booklet for
Hex(E31545) contains.

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Color

Hex(E31545)

Conversions

Conversions Part 1

Format	Color
Hex	E31545
RGB	227, 21, 69
RGB Percent	89%, 8%, 27%
CMY	0.1098, 0.9176, 0.7294
CMYK	0.00, 0.91, 0.70, 0.11
HSL	346°, 83%, 49%
HSV	346°, 91%, 89%
XYZ	33.0209, 17.2969, 7.2285
YIQ	88.0660, 107.3680, 58.6000

Conversions

Conversions Part 2

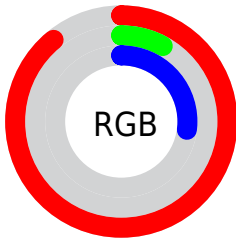
Format	Color
R_{YB}	227, 21, 69
Decimal	14882117
CIE Lab	48.63, 72.91, 30.45
CIE LCh	49, 79.014, 22.669
Yxy	17.2969, 0.5738, 0.3006
Android (android.graphics.Color)	4293072197 (0xFFE31545)
YUV	88.0660, -9.3995, 121.8451
Hunter-Lab	41.5895, 68.9422, 18.8078

Details

The Hex color **E31545** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **15E3B3**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6175**, and **A3001B** is the 20% darker color. If you saturate the color by 10%, you get **E30035**, and if you desaturate by 10%, it is **E32C56**.

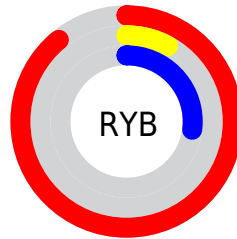
Distribution



Red (89%)

Green (8%)

Blue (27%)



Red (89%)

Yellow (8%)

Blue (27%)

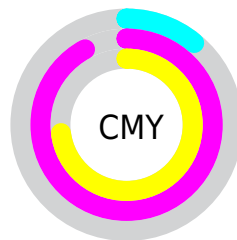


Cyan (0%)

Magenta (91%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (92%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E31545 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 E31545 by changing the saturation by 10% instead.

 E31545

 E31545

FFFFFF

 C3002F

 FF6175

 A3001B

 FF7F8E

 830001

 FF9DA9

 640002

 FFBAC4

 460004

 FFD8E0

 250001

 FFF6FD

 000000

 E31545

 E31545

 E30035

 E32C56

 E34268

 E35979

 E3708B

 E3879C

 E39DAD

 E3B4BF

 E3CBD0

 E3E1E2

Harmonies

Analogous

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



DE0087



E31545



C94A00

Triad

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



E31545



008912



0081FA

Complementary

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



E31545



15E3B3

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.



008CDE



E31545



008E60

Square

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



E31545



5C7F00



008FA6



3669F1

Rectangle

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



E31545



AC6200



008FA6



0086F5

Sweetspot

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



E31545



FFBACA



B315E3



805760



000000



808080

Same Dimension

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



E31545



FF003B



E34C15



73676A



B3002A



33000C

Inverse Universe

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



E31545



FF003B



15ACE3



73676A



B3002A



33000C

Previews

White Background



This preview shows how the Hex color E31545 looks on a white background.

Color Contrast Check

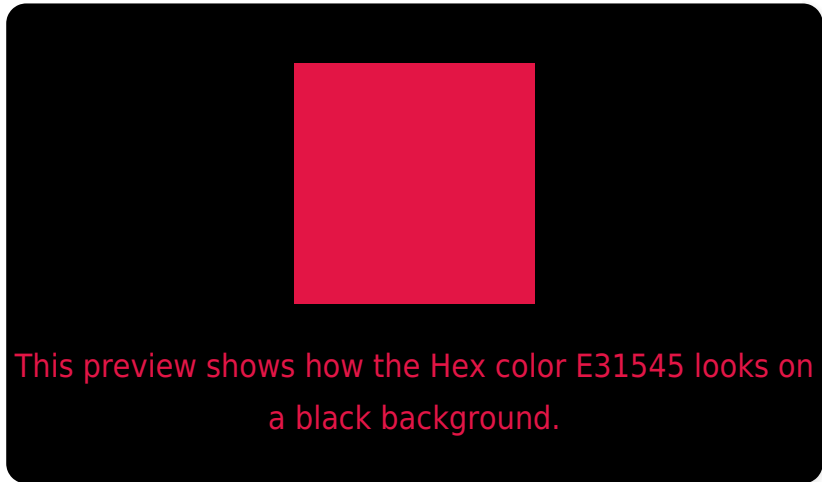
Large Text (above 18pt) WCAG AA ✓ Pass

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 E31545 Background



This preview shows how black text looks on a background with the Hex color E31545.

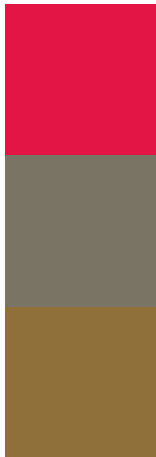


This preview shows how white text looks on a background with the Hex color E31545.

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
E31545

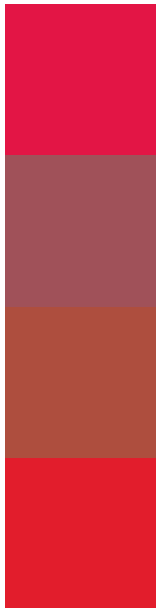
Protanopia
7A7465

Deuteranopia
8F6F3A



Tritanopia
E2211E

Trichromacy



Original Color
E31545

Protanomaly
A05159

Deuteranomaly
AE4E3E

Tritanomaly
E21D2C

Monochromacy



Original Color
E31545

Achromatopsia
585858

Achromatomaly
8B4051

CSS Examples

Text

The CSS property to change the color of the text to Hex E31545 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 #E31545 looks like.

```
.text, #text, p{  
    color:#E31545  
}
```

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 #E31545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E31545
}
```

Border

The CSS property to change the border of an element to Hex E31545 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
#E31545 }
```

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

```
.border{ border-color:#E31545 }
```

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

Here you see how a box with a 4 pixel #E31545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E31545; -webkit-box-shadow:4px 4px  
4px 4px #E31545; box-shadow:4px 4px 4px  
4px #E31545 }
```

Background

The CSS property to change the background color of an element to Hex E31545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E31545 }
```

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

```
.background{ background-color:#E31545 }
```

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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