

Converting Colors

Hex(E31738)

Have a look what the booklet for
Hex(E31738) contains.

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Color

Hex(E31738)

Conversions

Conversions Part 1

Format	Color
Hex	E31738
RGB	227, 23, 56
RGB Percent	89%, 9%, 22%
CMY	0.1098, 0.9098, 0.7804
CMYK	0.00, 0.90, 0.75, 0.11
HSL	350°, 82%, 49%
HSV	350°, 90%, 89%
XYZ	32.6988, 17.2292, 5.3435
YIQ	87.7580, 110.9910, 53.5110

Conversions

Conversions Part 2

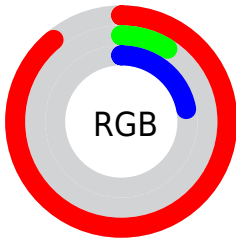
Format	Color
RYB	227, 23, 56
Decimal	14882616
CIELab	48.55, 72.13, 38.06
CIElCh	49, 81.555, 27.823
Yxy	17.2292, 0.5916, 0.3117
Android (android.graphics.Color)	4293072696 (0xFFE31738)
YUV	87.7580, -15.6567, 122.1152
Hunter-Lab	41.5081, 67.9775, 21.4230

Details

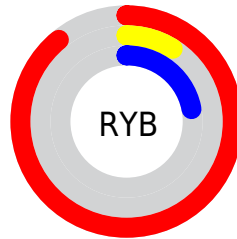
The Hex color **E31738** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **17E3C2**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6167**, and **A2000E** is the 20% darker color. If you saturate the color by 10%, you get **E30025**, and if you desaturate by 10%, it is **E32E4B**.

Distribution



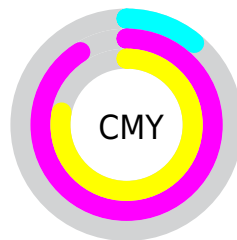
- Red (89%)
- Green (9%)
- Blue (22%)



- Red (89%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (90%)
- Yellow (75%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E31738 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 E31738 by changing the saturation by 10% instead.

 E31738

 E31738

FFFFFF

 C30022

 FF6167

 A2000E

 FF7F80

 830000

 FF9D9A

 630001

 FFBBB5

 460003

 FFD8D1

 240001

 FFF6ED

 000000

 E31738

 E31738

 E30025

 E32E4B

 E3445E

 E35B71

 E37284

 E38897

 E39FAA

 E3B6BD

 E3CDD0

 E3E3E3

Harmonies

Analogous

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



E5007C



E31738



C44F00

Triad

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



E31738



008B1F



007EFF

Complementary

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



E31738



17E3C2

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.



008CE9



E31738



008F6C

Square

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



E31738



4C8200



0090B2



5763EF

Rectangle

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



E31738



A46600



0090B2



0084FC

Sweetspot

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



E31738



FFBAC5



C117E3



80575D



000000



808080

Same Dimension

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



E31738



FF0029



E35B17



736769



B3001D



330008

Inverse Universe

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



E31738



FF0029



179FE3



736769



B3001D



330008

Previews

White Background



This preview shows how the Hex color E31738 looks on a white background.

Color Contrast Check

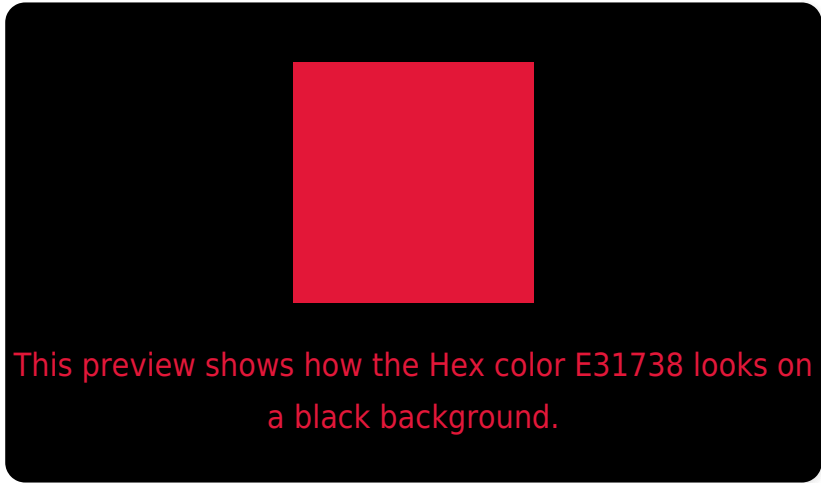
Large Text (above 18pt) WCAG AA ✓ Pass

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 E31738 Background



This preview shows how black text looks on a background with the Hex color E31738.



This preview shows how white text looks on a background with the Hex color E31738.

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





Tritanopia
E21F1A

Trichromacy



Original Color
E31738

Protanomaly
A25249

Deuteranomaly
AF4F30

Tritanomaly
E21C25

Monochromacy



Original Color
E31738

Achromatopsia
585858

Achromatomaly
8B404C

CSS Examples

Text

The CSS property to change the color of the text to Hex E31738 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 #E31738 looks like.

```
.text, #text, p{  
    color:#E31738  
}
```

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 #E31738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E31738
}
```

Border

The CSS property to change the border of an element to Hex E31738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

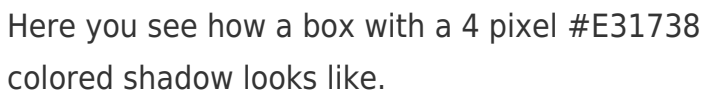
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E31738 }
```

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

```
.border{ border-color:#E31738 }
```

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



Here you see how a box with a 4 pixel #E31738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E31738; -webkit-box-shadow:4px 4px  
4px 4px #E31738; box-shadow:4px 4px 4px  
4px #E31738 }
```

Background

The CSS property to change the background color of an element to Hex E31738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E31738 }
```

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

```
.background{ background-color:#E31738 }
```

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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