

Converting Colors

Hex(E13B59)

Have a look what the booklet for
Hex(E13B59) contains.

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Color

Hex(E13B59)

Conversions

Conversions Part 1

Format	Color
Hex	E13B59
RGB	225, 59, 89
RGB Percent	88%, 23%, 35%
CMY	0.1176, 0.7686, 0.6510
CMYK	0.00, 0.74, 0.60, 0.12
HSL	349°, 73%, 56%
HSV	349°, 74%, 88%
XYZ	34.4185, 19.8567, 11.4699
YIQ	112.0540, 89.3060, 44.5220

Conversions

Conversions Part 2

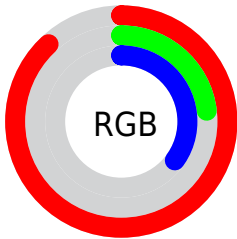
Format	Color
R_{YB}	225, 59, 89
Decimal	14760793
CIE Lab	51.67, 64.68, 22.22
CIE LCh	52, 68.396, 18.962
Yxy	19.8567, 0.5235, 0.3020
Android (android.graphics.Color)	4292950873 (0xFFE13B59)
YUV	112.0540, -11.3656, 99.0536
Hunter-Lab	44.5609, 59.8903, 15.9315

Details

The Hex color **E13B59** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **3BE1C3**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF778B**, and **A3002C** is the 20% darker color. If you saturate the color by 10%, you get **E12547**, and if you desaturate by 10%, it is **E1526B**.

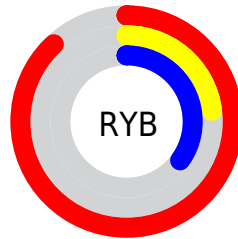
Distribution



Red (88%)

Green (23%)

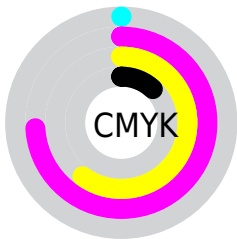
Blue (35%)



Red (88%)

Yellow (23%)

Blue (35%)

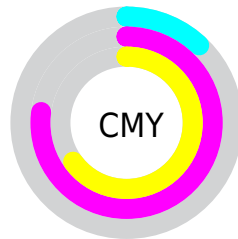


Cyan (0%)

Magenta (74%)

Yellow (60%)

Black (12%)



Cyan (12%)


Magenta (77%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color E13B59 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 E13B59 by changing the saturation by 10% instead.

 E13B59

 E13B59

FFFFFF

 C21342

 FF778B

 A3002C

 FF93A5

 840018

 FFB0C0

 660000


 FFCDDC

 490003

 FFEBF8

 2A0001

 000000

 E13B59

 E13B59

 E12547

 E1526B

 E10E34

 E1687E

 E10029

 E17F90

 E195A3

 E1ACB5

 E1C2C8

 E1D9DA

 E1EFEC

 E1FFFF

Harmonies

Analogous

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



D83B93



E13B59



CE5621

Triad

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



E13B59



1B8E25



0089EF

Complementary

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



E13B59



3BE1C3

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.



0092D3



E13B59



009463

Square

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



E13B59



728400



0095A0



4175EB

Rectangle

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



E13B59



B56900



0095A0



008DE9

Sweetspot

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



E13B59



FFC7D1



C33BE1



805E64



000000



808080

Same Dimension

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



E13B59



FF1C45



E1703B



706567



B00020



300009

Inverse Universe

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



E13B59



FF1C45



3BACE1



706567



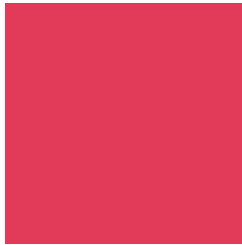
B00020



300009

Previews

White Background



This preview shows how the Hex color E13B59 looks on a white background.

Color Contrast Check

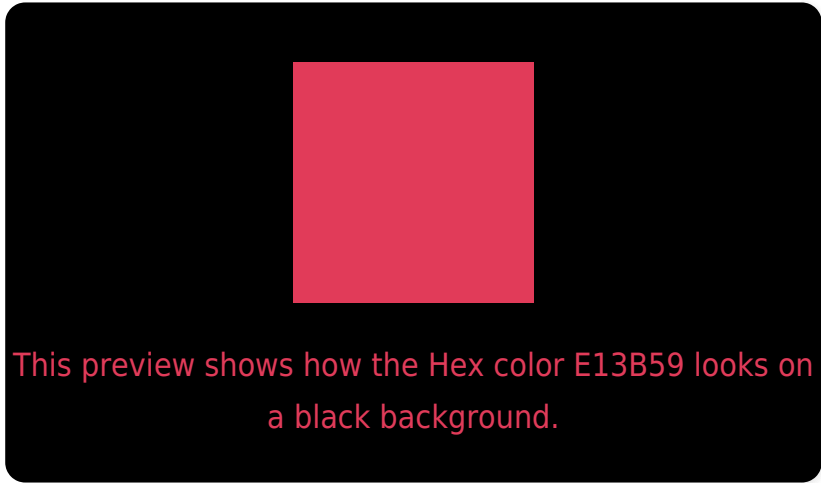
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 E13B59 Background



This preview shows how black text looks on a background with the Hex color E13B59.



This preview shows how white text looks on a background with the Hex color E13B59.

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
E13B59

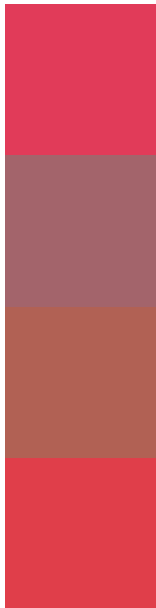
Protanopia
7F7B76

Deuteranopia
957651



Tritanopia
E04042

Trichromacy



Original Color
E13B59

Protanomaly
A3646B

Deuteranomaly
B16154

Tritanomaly
E03E4A

Monochromacy



Original Color
E13B59

Achromatopsia
707070

Achromatomaly
995D68

CSS Examples

Text

The CSS property to change the color of the text to Hex E13B59 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 #E13B59 looks like.

```
.text, #text, p{  
    color:#E13B59  
}
```

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 #E13B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E13B59
}
```

Border

The CSS property to change the border of an element to Hex E13B59 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
#E13B59 }
```

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

```
.border{ border-color:#E13B59 }
```

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

Here you see how a box with a 4 pixel #E13B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E13B59; -webkit-box-shadow:4px 4px  
4px 4px #E13B59; box-shadow:4px 4px 4px  
4px #E13B59 }
```

Background

The CSS property to change the background color of an element to Hex E13B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E13B59 }
```

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

```
.background{ background-color:#E13B59 }
```

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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