

Converting Colors

Hex(E23A49)

Have a look what the booklet for
Hex(E23A49) contains.

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Color

Hex(E23A49)

Conversions

Conversions Part 1

Format	Color
Hex	E23A49
RGB	226, 58, 73
RGB Percent	89%, 23%, 29%
CMY	0.1137, 0.7725, 0.7137
CMYK	0.00, 0.74, 0.68, 0.11
HSL	355°, 74%, 56%
HSV	355°, 74%, 89%
XYZ	34.0797, 19.6759, 8.3050
YIQ	109.9420, 95.3130, 40.2810

Conversions

Conversions Part 2

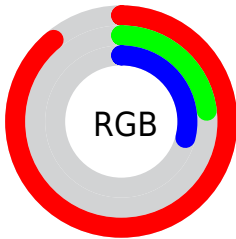
Format	Color
R_{YB}	226, 58, 73
Decimal	14826057
CIE _{Lab}	51.47, 64.40, 31.51
CIE _{LCh}	51, 71.694, 26.070
Yxy	19.6759, 0.5491, 0.3170
Android (android.graphics.Color)	4293016137 (0xFFE23A49)
YUV	109.9420, -18.2124, 101.7829
Hunter-Lab	44.3575, 59.5151, 19.9495

Details

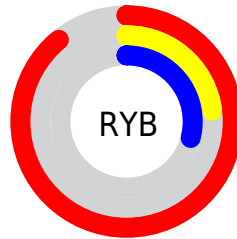
The Hex color **E23A49** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3AE2D3**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF767A**, and **A3001D** is the 20% darker color. If you saturate the color by 10%, you get **E22334**, and if you desaturate by 10%, it is **E2515E**.

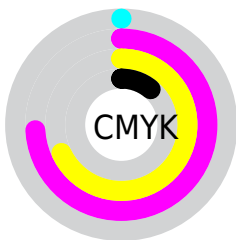
Distribution



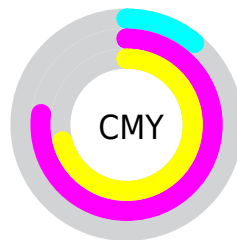
- Red (89%)
- Green (23%)
- Blue (29%)



- Red (89%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (74%)
- Yellow (68%)
- Black (11%)



- Cyan (11%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E23A49 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 E23A49 by changing the saturation by 10% instead.

 E23A49

 E23A49

FFFFFF

 C21232

 FF767A

 A3001D

 FF9293

 840007

 FFAFAE

 650000

 FFCCC9

 480003

 FFEAE5

 290001

 000000

 E23A49

 E23A49

 E22334

 E2515E

 E20D20

 E26772

 E20014

 E27E87

 E2949B

 E2ABB0

 E2C2C4

 E2D8D9

 E2EFEE

 E2FFFF

Harmonies

Analogous

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



E02F85



E23A49



C85A05

Triad

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



E23A49



009030



0085F6

Complementary

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



E23A49



3AE2D3

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.



0091E0



E23A49



009570

Square

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



E23A49



608700



0095AF



626EEA

Rectangle

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



E23A49



AC6D00



0095AF



008AF3

Sweetspot

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



E23A49



FFC7CC



D13AE2



805E61



000000



808080

Same Dimension

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



E23A49



FF1C30



E27D3A



706566



B00010



300004

Inverse Universe

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



E23A49



FF1C30



3A9FE2



706566



B00010



300004

Previews

White Background



This preview shows how the Hex color E23A49 looks on a white background.

Color Contrast Check

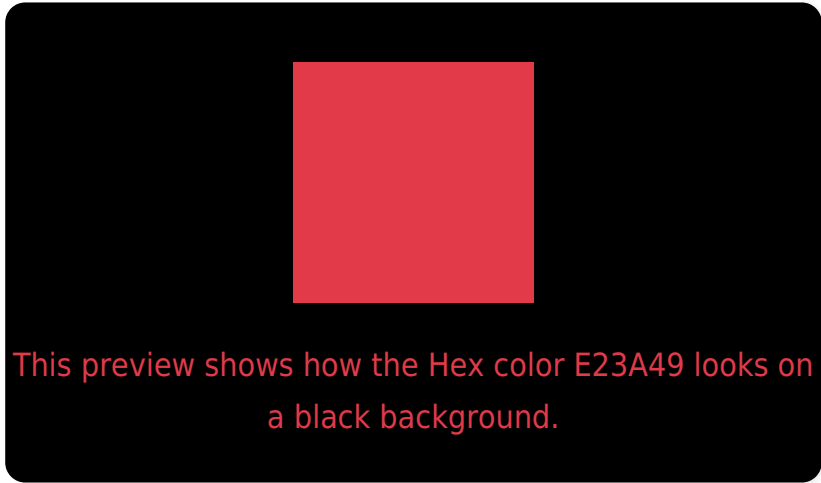
Large Text (above 18pt) WCAG AA ✓ Pass

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 E23A49 Background



This preview shows how black text looks on a background with the Hex color E23A49.

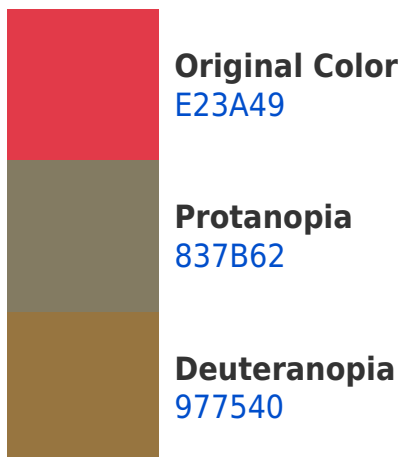


This preview shows how white text looks on a background with the Hex color E23A49.

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
E23C3E

Trichromacy



Original Color
E23A49

Protanomaly
A66359

Deuteranomaly
B26043

Tritanomaly
E23B42

Monochromacy



Original Color
E23A49

Achromatopsia
6E6E6E

Achromatomaly
985B61

CSS Examples

Text

The CSS property to change the color of the text to Hex E23A49 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 #E23A49 looks like.

```
.text, #text, p{  
    color:#E23A49  
}
```

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 #E23A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E23A49
}
```

Border

The CSS property to change the border of an element to Hex E23A49 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
#E23A49 }
```

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

```
.border{ border-color:#E23A49 }
```

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

Here you see how a box with a 4 pixel #E23A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E23A49; -webkit-box-shadow:4px 4px  
4px 4px #E23A49; box-shadow:4px 4px 4px  
4px #E23A49 }
```

Background

The CSS property to change the background color of an element to Hex E23A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E23A49 }
```

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

```
.background{ background-color:#E23A49 }
```

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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