

Converting Colors

Hex(E24B49)

Have a look what the booklet for
Hex(E24B49) contains.

Hex(E24B49)	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(E24B49)

Conversions

Conversions Part 1

Format	Color
Hex	E24B49
RGB	226, 75, 73
RGB Percent	89%, 29%, 29%
CMY	0.1137, 0.7059, 0.7137
CMYK	0.00, 0.67, 0.68, 0.11
HSL	1°, 73%, 59%
HSV	1°, 68%, 89%
XYZ	35.0827, 21.6819, 8.6393
YIQ	119.9210, 90.6380, 31.3900

Conversions

Conversions Part 2

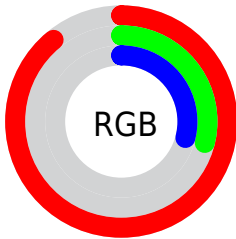
Format	Color
R_{YB}	226, 75, 73
Decimal	14830409
CIE _{Lab}	53.69, 58.29, 34.21
CIE _{LCh}	54, 67.583, 30.410
Yxy	21.6819, 0.5364, 0.3315
Android (android.graphics.Color)	4293020489 (0xFFE24B49)
YUV	119.9210, -23.1321, 93.0313
Hunter-Lab	46.5639, 53.0008, 21.5943

Details

The Hex color **E24B49** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **49E0E2**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF837A**, and **A3001D** is the 20% darker color. If you saturate the color by 10%, you get **E23532**, and if you desaturate by 10%, it is **E26160**.

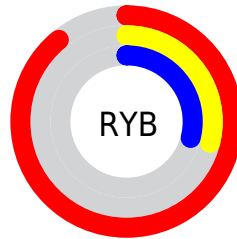
Distribution



Red (89%)

Green (29%)

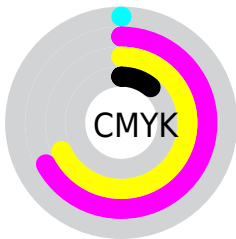
Blue (29%)



Red (89%)

Yellow (29%)

Blue (29%)

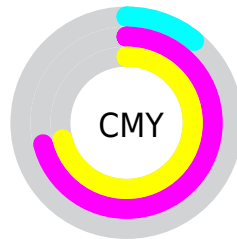


Cyan (0%)

Magenta (67%)

Yellow (68%)

Black (11%)



Cyan (11%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E24B49 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 E24B49 by changing the saturation by 10% instead.

 E24B49

 E24B49

FFFFFF

 C32D32

 FF837A

 A3001D

 FFA094

 850006

 FFBCAE

 660000

 FFD9CA

 490001

 FFF7E6

 2B0001

 000000

 E24B49

 E24B49

 E23532

 E26160

 E21E1C

 E27876

 E20805

 E28E8D

 E20300

 E2A4A3

 E2BBBA

 E2D1D1

 E2E7E7

 E2FDFF

 E2FFFF

Harmonies

Analogous

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



E43F82



E24B49



C6660F

Triad

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



E24B49



009643



0087F6

Complementary

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



E24B49



49E0E2

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.



0095E6



E24B49



009A7F

Square

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



E24B49



5F8E00



009ABA



7D70E6

Rectangle

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



E24B49



AA7700



009ABA



008DF4

Sweetspot

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



E24B49



FFCDCC



E249E2



806161



000000



808080

Same Dimension

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



E24B49



FF3330



E29549



706565



B00200



300100

Inverse Universe

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



49E0E2



30FCFF



4995E2



657070



00AEB0



003030

Previews

White Background



This preview shows how the Hex color E24B49 looks on a white background.

Color Contrast Check

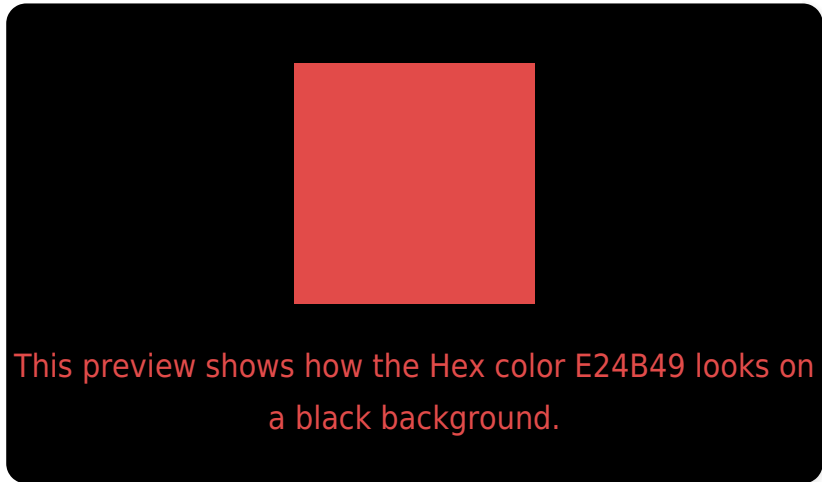
Large Text (above 18pt) WCAG AA ✓ Pass

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 E24B49 Background



This preview shows how black text looks on a background with the Hex color E24B49.

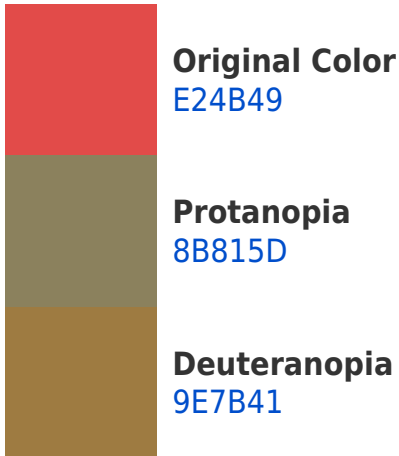


This preview shows how white text looks on a background with the Hex color E24B49.

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](#).

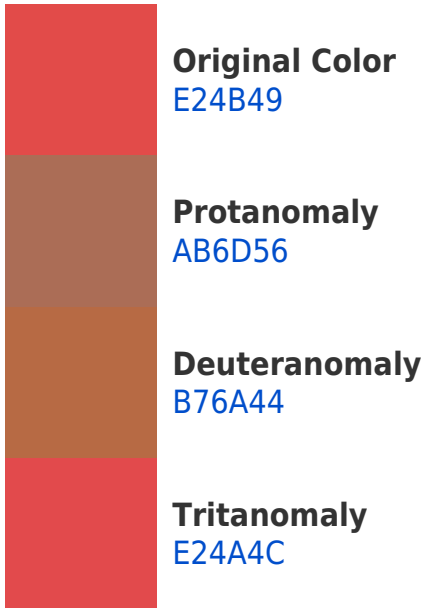
Dichromacy



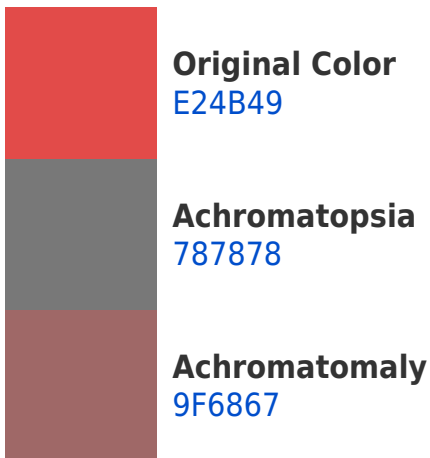


Tritanopia
E24A4E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E24B49 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 #E24B49 looks like.

```
.text, #text, p{  
    color:#E24B49  
}
```

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 #E24B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24B49
}
```

Border

The CSS property to change the border of an element to Hex E24B49 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
#E24B49 }
```

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

```
.border{ border-color:#E24B49 }
```

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

Here you see how a box with a 4 pixel #E24B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24B49; -webkit-box-shadow:4px 4px  
4px 4px #E24B49; box-shadow:4px 4px 4px  
4px #E24B49 }
```

Background

The CSS property to change the background color of an element to Hex E24B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24B49 }
```

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

```
.background{ background-color:#E24B49 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor