

Converting Colors

Hex(E9424B)

Have a look what the booklet for
Hex(E9424B) contains.

Hex(E9424B)	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(E9424B)

Conversions

Conversions Part 1

Format	Color
Hex	E9424B
RGB	233, 66, 75
RGB Percent	91%, 26%, 29%
CMY	0.0863, 0.7412, 0.7059
CMYK	0.00, 0.72, 0.68, 0.09
HSL	357°, 79%, 59%
HSV	357°, 72%, 91%
XYZ	36.8225, 21.7281, 8.9098
YIQ	116.9590, 96.6430, 38.2030

Conversions

Conversions Part 2

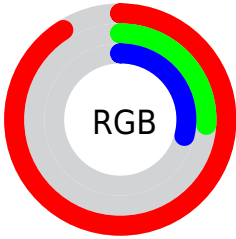
Format	Color
R_{YB}	233, 66, 75
Decimal	15286859
CIE _{Lab}	53.74, 63.91, 33.41
CIE _{LCh}	54, 72.111, 27.599
Yxy	21.7281, 0.5458, 0.3221
Android (android.graphics.Color)	4293476939 (0xFFE9424B)
YUV	116.9590, -20.6858, 101.7680
Hunter-Lab	46.6134, 59.4336, 21.2965

Details

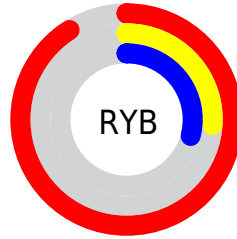
The Hex color **E9424B** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42E9E0**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF7D7C**, and **AA001F** is the 20% darker color. If you saturate the color by 10%, you get **E92B35**, and if you desaturate by 10%, it is **E95961**.

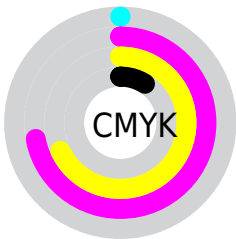
Distribution



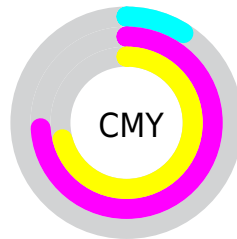
- Red (91%)
- Green (26%)
- Blue (29%)



- Red (91%)
- Yellow (26%)
- Blue (29%)



- Cyan (0%)
- Magenta (72%)
- Yellow (68%)
- Black (9%)



- Cyan (9%)
- Magenta (74%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9424B 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 E9424B by changing the saturation by 10% instead.

 E9424B

 E9424B

FFFFFF

 C91F34

 FF7D7C

 AA001F

 FF9996

 8A0009

 FFB6B0

 6C0000

 FFD3CC

 4D0002

 FFF1E8

 300002

 000000

 E9424B

 E9424B

 E92B35

 E95961

 E9131F

 E97177

 E9000D

 E9888D

 E99FA3

 E9B7B9

 E9CECF

 E9E5E5

 E9FCFB

 E9FFFF

Harmonies

Analogous

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



E93688



E9424B



CD6208

Triad

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



E9424B



009738



008AFE

Complementary

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



E9424B



42E9E0

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.



0097E9



E9424B



009B79

Square

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



E9424B



638D00



009CB9



6F72F0

Rectangle

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



E9424B



B07400



009CB9



008FFB

Sweetspot

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



E9424B



FFC7CA



DE42E9



805E60



000000



808080

Same Dimension

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



E9424B



FF2430



E98A42



756A6A



B5000A



360003

Inverse Universe

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



E9424B



FF2430



42A1E9



756A6A



B5000A



360003

Previews

White Background



This preview shows how the Hex color E9424B looks on a white background.

Color Contrast Check

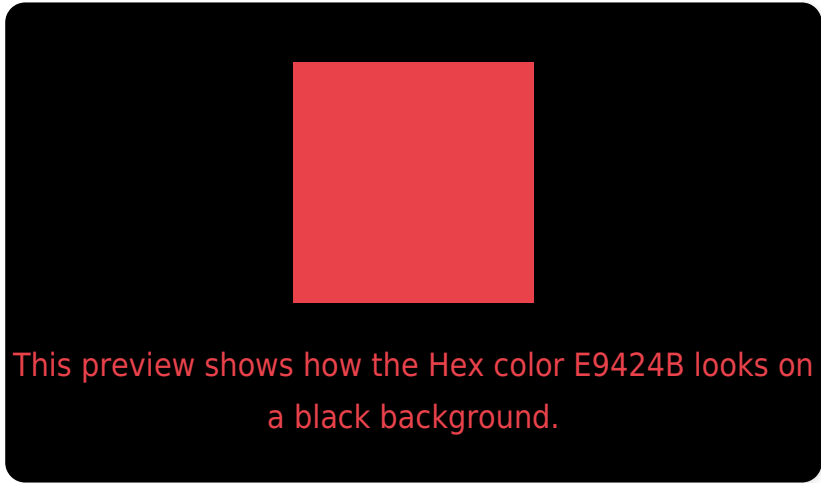
Large Text (above 18pt) WCAG AA ✓ Pass

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 E9424B Background



This preview shows how black text looks on a background with the Hex color E9424B.

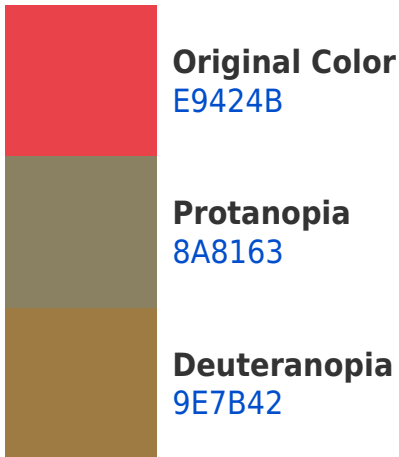



This preview shows how white text looks on a background with the Hex color E9424B.

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
E94346

Trichromacy



Original Color
E9424B

Protanomaly
AD6A5A

Deuteranomaly
B96645

Tritanomaly
E94348

Monochromacy



Original Color
E9424B

Achromatopsia
757575

Achromatomaly
9F6266

CSS Examples

Text

The CSS property to change the color of the text to Hex E9424B 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 #E9424B looks like.

```
.text, #text, p{  
    color:#E9424B  
}
```

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 #E9424B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9424B
}
```

Border

The CSS property to change the border of an element to Hex E9424B 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
#E9424B }
```

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

```
.border{ border-color:#E9424B }
```

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

Here you see how a box with a 4 pixel #E9424B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9424B; -webkit-box-shadow:4px 4px  
4px 4px #E9424B; box-shadow:4px 4px 4px  
4px #E9424B }
```

Background

The CSS property to change the background color of an element to Hex E9424B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9424B }
```

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

```
.background{ background-color:#E9424B }
```

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