

Converting Colors

Hex(EB9B24)

Have a look what the booklet for
Hex(EB9B24) contains.

Hex(EB9B24)	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(EB9B24)

Conversions

Conversions Part 1

Format	Color
Hex	EB9B24
RGB	235, 155, 36
RGB Percent	92%, 61%, 14%
CMY	0.0784, 0.3922, 0.8588
CMYK	0.00, 0.34, 0.85, 0.08
HSL	36°, 83%, 53%
HSV	36°, 85%, 92%
XYZ	46.3007, 41.2322, 7.1874
YIQ	165.3540, 85.8790, -20.0490

Conversions

Conversions Part 2

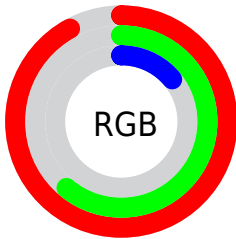
Format	Color
RYB	170, 235, 36
Decimal	15440676
CIELab	70.34, 21.27, 68.03
CIElCh	70, 71.278, 72.639
Yxy	41.2322, 0.4888, 0.4353
Android (android.graphics.Color)	4293630756 (0xFFEB9B24)
YUV	165.3540, -63.7715, 61.0795
Hunter-Lab	64.2123, 16.3370, 38.3122

Details

The Hex color **EB9B24** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2474EB**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD15D**, and **AD6800** is the 20% darker color. If you saturate the color by 10%, you get **EB920D**, and if you desaturate by 10%, it is **EBA43C**.

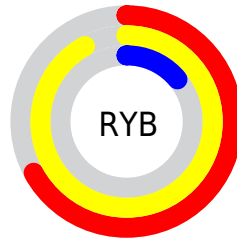
Distribution



Red (92%)

Green (61%)

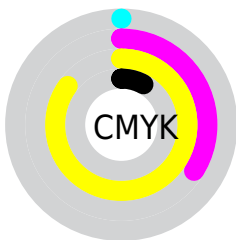
Blue (14%)



Red (67%)

Yellow (92%)

Blue (14%)

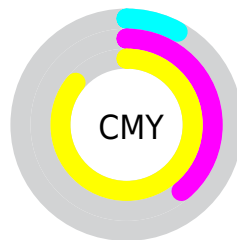


Cyan (0%)

Magenta (34%)

Yellow (85%)

Black (8%)



Cyan (8%)

Magenta (39%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB9B24 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 EB9B24 by changing the saturation by 10% instead.

 EB9B24

 EB9B24

FFFFFF

 CC8100

 FFD15D

 AD6800

 FFEE79

 905000

 FFFF94

 723800

 FFFFB0

 552200

 FFFFCD

 3A0D00

 FFFFEA

 240001

 000000

 EB9B24

 EB9B24

■ EB920D

■ EBA43C

■ EB8D00

■ EBAE53

■ EBB76B

■ EBC182

■ EBCA9A

■ EBD4B1

■ EBDDC9

■ EBE7E0

■ EBF0F8

Harmonies

Analogous

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



FF8057



EB9B24



B3B114

Triad

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



EB9B24



00CBC6



D28EFF

Complementary

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



EB9B24



2474EB

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.



57AAFF



EB9B24



00C8FF

Square

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



EB9B24



00C883



00BEFF



FF73D4

Rectangle

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



EB9B24



85BC32



00BEFF



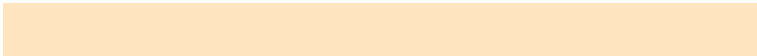
B398FF

Sweetspot

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



EB9B24



FFE5BF



EB2477



807059



000000



808080

Same Dimension

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



EB9B24



FF9800



DAEB24



75716A



B56C00



362000

Inverse Universe

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



2474EB



0067FF



3524EB



6A6E75



0049B5



001636

Previews

White Background



This preview shows how the Hex color EB9B24 looks on a white background.

Color Contrast Check

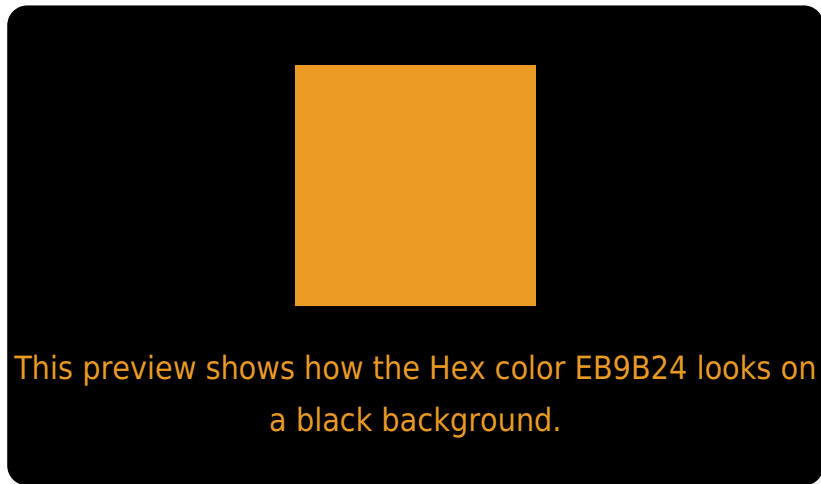
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EB9B24 Background



This preview shows how black text looks on a background with the Hex color EB9B24.



This preview shows how white text looks on a background with the Hex color EB9B24.

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
EB9B24

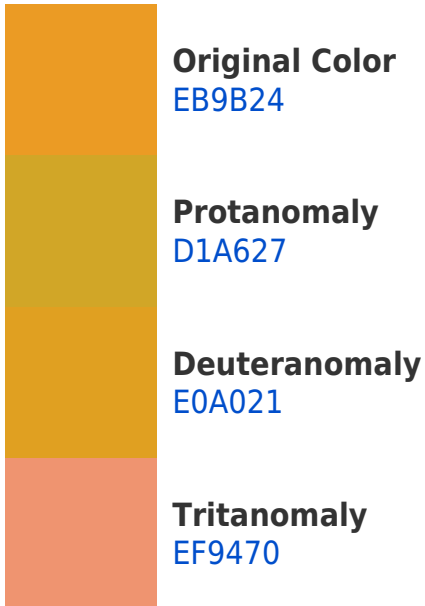
Protanopia
C2AD29

Deuteranopia
D9A31F

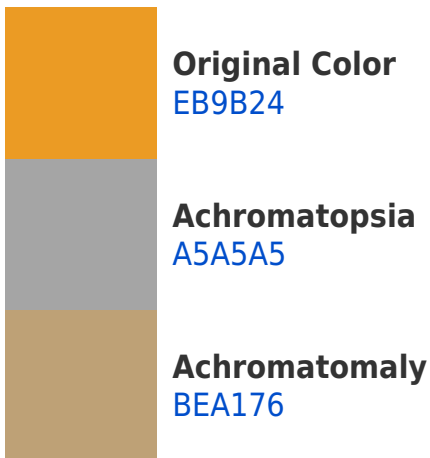


Tritanopia
F1909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB9B24 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 #EB9B24 looks like.

```
.text, #text, p{  
    color:#EB9B24  
}
```

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 #EB9B24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB9B24
}
```

Border

The CSS property to change the border of an element to Hex EB9B24 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
#EB9B24 }
```

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

```
.border{ border-color:#EB9B24 }
```

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

Here you see how a box with a 4 pixel #EB9B24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB9B24; -webkit-box-shadow:4px 4px  
4px 4px #EB9B24; box-shadow:4px 4px 4px  
4px #EB9B24 }
```

Background

The CSS property to change the background color of an element to Hex EB9B24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB9B24 }
```

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

```
.background{ background-color:#EB9B24 }
```

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