

Converting Colors

Hex(EB9020)

Have a look what the booklet for
Hex(EB9020) contains.

Hex(EB9020)	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(EB9020)

Conversions

Conversions Part 1

Format	Color
Hex	EB9020
RGB	235, 144, 32
RGB Percent	92%, 56%, 13%
CMY	0.0784, 0.4353, 0.8745
CMYK	0.00, 0.39, 0.86, 0.08
HSL	33°, 84%, 52%
HSV	33°, 86%, 92%
XYZ	44.4949, 37.7130, 6.3007
YIQ	158.4410, 90.1880, -15.5400

Conversions

Conversions Part 2

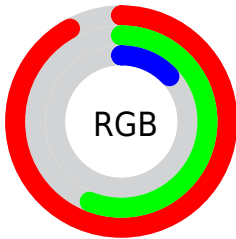
Format	Color
RYB	197, 235, 32
Decimal	15437856
CIELab	67.81, 26.99, 67.14
CIELCh	68, 72.362, 68.099
Yxy	37.7130, 0.5027, 0.4261
Android (android.graphics.Color)	4293627936 (0xFFEB9020)
YUV	158.4410, -62.3354, 67.1422
Hunter-Lab	61.4109, 21.8621, 36.9045

Details

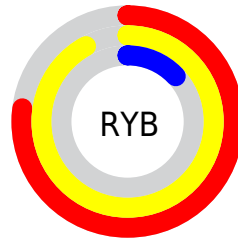
The Hex color **EB9020** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **207BEB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFC659**, and **AD5D00** is the 20% darker color. If you saturate the color by 10%, you get **EB8508**, and if you desaturate by 10%, it is **EB9B37**.

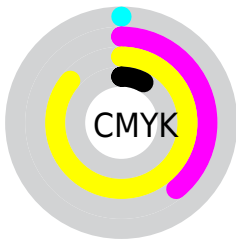
Distribution



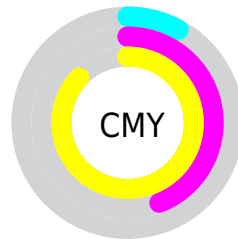
- Red (92%)
- Green (56%)
- Blue (13%)



- Red (77%)
- Yellow (92%)
- Blue (13%)



- Cyan (0%)
- Magenta (39%)
- Yellow (86%)
- Black (8%)



- Cyan (8%)
- Magenta (44%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB9020 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 EB9020 by changing the saturation by 10% instead.

 EB9020

 EB9020

FFFFFF

 CC7600

 FFC659

 AD5D00

 FFE274

 8F4500

 FFFF90

 712E00

 FFFFAB

 541700

 FFFFC8

 390100

 FFFF E5

 1F0001

 000000

 EB9020

 EB9020

 EB8508

 EB9B37

 EB8200

 EBA54F

 EBB066

 EBBA7E

 EBC595

 EBCFAD

 EBDAC4

 EBE4DC

 EBEFF3

Harmonies

Analogous

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



FF7458



EB9020



B5A800

Triad

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



EB9020



00C4B6



BE8CFF

Complementary

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



EB9020



207BEB

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.



00A7FF



EB9020



00C2F4

Square

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



EB9020



00C072



00B9FF



FF6ED7

Rectangle

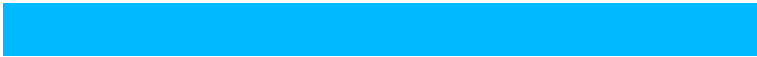
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB9020



88B31F



00B9FF



9B96FF

Sweetspot

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



EB9020



FFE1BD



EB207B



806E58



000000



808080

Same Dimension

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



EB9020



FF8D00



E1EB20



75706A



B56400



361E00

Inverse Universe

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



207BEB



0072FF



2A20EB



6A6F75



0051B5



001836

Previews

White Background



This preview shows how the Hex color EB9020 looks on a white background.

Color Contrast Check

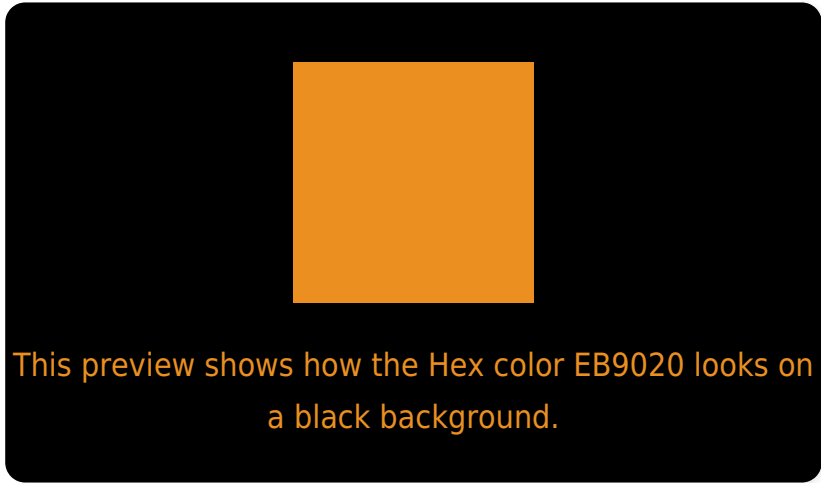
Large Text (above 18pt) WCAG AA × Fail

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 EB9020 Background



This preview shows how black text looks on a background with the Hex color EB9020.

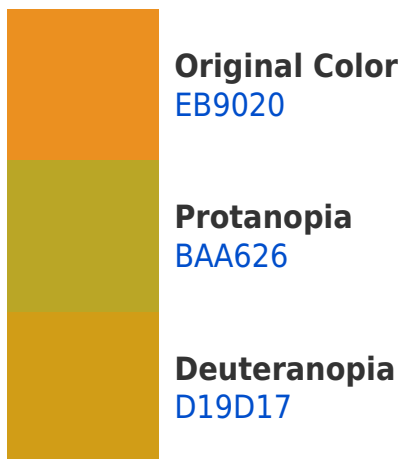


This preview shows how white text looks on a background with the Hex color EB9020.

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](#).

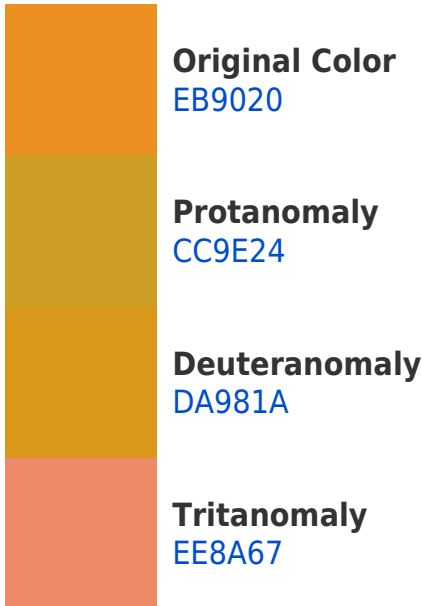
Dichromacy



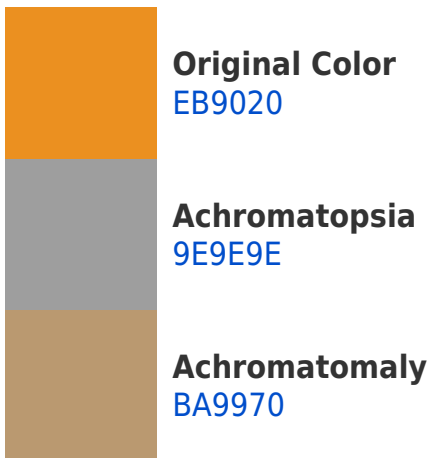


Tritanopia
F08690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB9020 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 #EB9020 looks like.

```
.text, #text, p{  
    color:#EB9020  
}
```

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 #EB9020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB9020  
}
```

Border

The CSS property to change the border of an element to Hex EB9020 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  
#EB9020 }
```

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

```
.border{ border-color:#EB9020 }
```

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

Here you see how a box with a 4 pixel #EB9020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB9020; -webkit-box-shadow:4px 4px  
4px 4px #EB9020; box-shadow:4px 4px 4px  
4px #EB9020 }
```

Background

The CSS property to change the background color of an element to Hex EB9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB9020 }
```

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

```
.background{ background-color:#EB9020 }
```

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