

# Converting Colors

Hex(BE9F20)

Have a look what the booklet for  
Hex(BE9F20) contains.

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# **Color**

**Hex(BE9F20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE9F20
RGB	190, 159, 32
RGB Percent	75%, 62%, 13%
CMY	0.2549, 0.3765, 0.8745
CMYK	0.00, 0.16, 0.83, 0.25
HSL	48°, 71%, 44%
HSV	48°, 83%, 75%
XYZ	33.8941, 35.8477, 6.4994
YIQ	153.7910, 59.2430, -32.9250

# Conversions

## Conversions Part 2

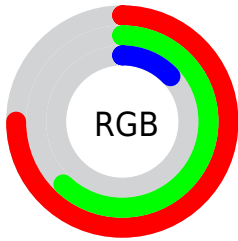
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 190, 32
Decimal	12492576
CIELab	66.40, -0.62, 63.91
CIELCh	66, 63.915, 90.556
Yxy	35.8477, 0.4446, 0.4702
Android (android.graphics.Color)	4290682656 (0xFFBE9F20)
YUV	153.7910, -60.0430, 31.7553
Hunter-Lab	59.8730, -3.7289, 35.4750

# Details

The Hex color **BE9F20** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **203FBE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FAD55A**, and **846C00** is the 20% darker color. If you saturate the color by 10%, you get **BE9B0D**, and if you desaturate by 10%, it is **BEA333**.

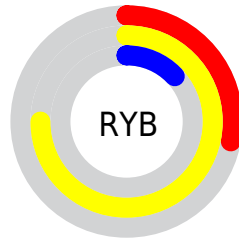
# Distribution



Red (75%)

Green (62%)

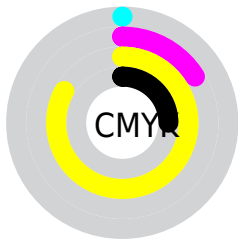
Blue (13%)



Red (28%)

Yellow (75%)

Blue (13%)

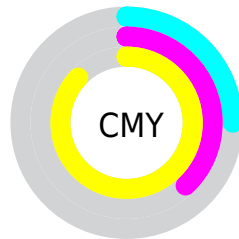


Cyan (0%)

Magenta (16%)

Yellow (83%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE9F20 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 BE9F20 by changing the saturation by 10% instead.





BE9F20



BE9F20

FFFFFF



A18500



FAD55A



846C00



FFF275



695400



FFFF90



4D3D00



FFFFAC



332800



FFFFC9



1A1400



FFFFE6



000000



BE9F20



BE9F20



BE9B0D



BEA333

 BE9900

 BEA646

 BEAA59

 BEAE6C

 BEB27F

 BEB592

 BEB9A5

 BEBDB8

 BEC1CB

# Harmonies

## Analogous

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



EB893B



BE9F20



84AF35

# Triad

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



BE9F20



00BCDA



E879DB

# Complementary

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



BE9F20



203FBE

# 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.



A392FF



BE9F20



00B6FF

# Square

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



BE9F20



00BDA1



00A8FF



FF6BA3

# Rectangle

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



BE9F20



51B654



00A8FF



D581EB

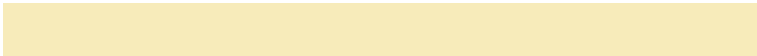


# Sweetspot

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



BE9F20



F7EBBA



BE2040



7D7657



FCFCFC



7D7D7D



# Same Dimension

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



BE9F20



F7C700



8FBE20



5E5C55



9E7F00



1F1900



# Inverse Universe

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



203FBE



0031F7



4F20BE



55575E



001F9E

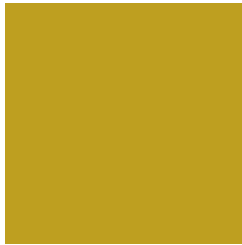


00061F



# Previews

## White Background



This preview shows how the Hex color BE9F20 looks on a white background.

## Color Contrast Check

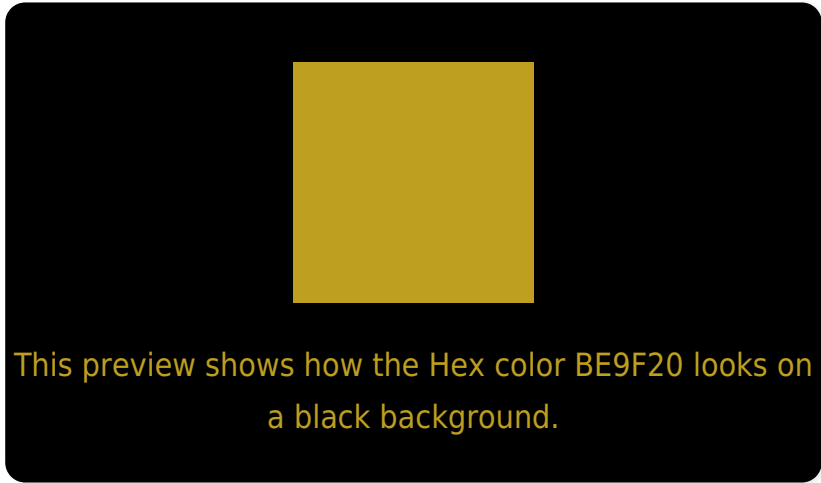
Large Text (above 18pt) WCAG AA × Fail

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 BE9F20 Background



This preview shows how black text looks on a background with the Hex color BE9F20.

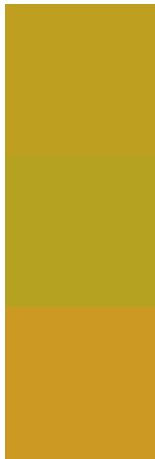


This preview shows how white text looks on a background with the Hex color BE9F20.

# 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**  
BE9F20

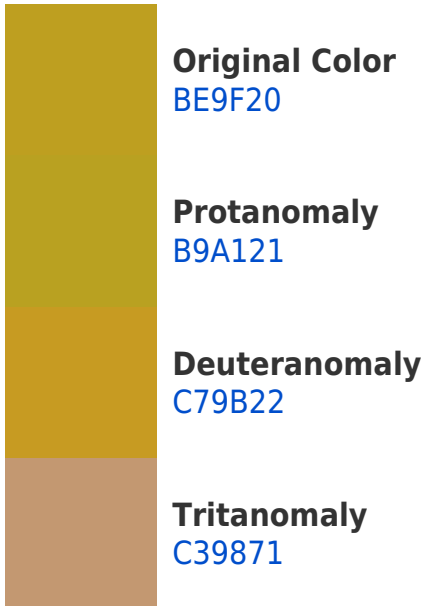
**Protanopia**  
B6A221

**Deuteranopia**  
CC9923



**Tritanopia**  
C6949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE9F20 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 #BE9F20 looks like.

```
.text, #text, p{  
    color:#BE9F20  
}
```

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 #BE9F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE9F20
}
```

## Border

The CSS property to change the border of an element to Hex BE9F20 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
#BE9F20 }
```

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

```
.border{ border-color:#BE9F20 }
```

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

Here you see how a box with a 4 pixel #BE9F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE9F20; -webkit-box-shadow:4px 4px  
4px 4px #BE9F20; box-shadow:4px 4px 4px  
4px #BE9F20 }
```

# Background

The CSS property to change the background color of an element to Hex BE9F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE9F20 }
```

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

```
.background{ background-color:#BE9F20 }
```

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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