

# Converting Colors

Hex(B9962F)

Have a look what the booklet for  
Hex(B9962F) contains.

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# **Color**

**Hex(B9962F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9962F
RGB	185, 150, 47
RGB Percent	73%, 59%, 18%
CMY	0.2745, 0.4118, 0.8157
CMYK	0.00, 0.19, 0.75, 0.27
HSL	45°, 59%, 45%
HSV	45°, 75%, 73%
XYZ	31.4270, 32.3322, 7.2737
YIQ	148.7230, 53.9230, -24.6130

# Conversions

## Conversions Part 2

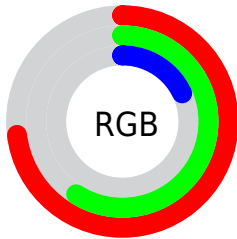
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 185, 47
Decimal	12162607
CIE Lab	63.62, 2.57, 56.12
CIE LCh	64, 56.178, 87.376
Yxy	32.3322, 0.4424, 0.4552
Android (android.graphics.Color)	4290352687 (0xFFB9962F)
YUV	148.7230, -50.1494, 31.8149
Hunter-Lab	56.8614, -0.8515, 32.2187

# Details

The Hex color **B9962F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2F52B9**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **F4CC64**, and **806400** is the 20% darker color. If you saturate the color by 10%, you get **B9911D**, and if you desaturate by 10%, it is **B99B42**.

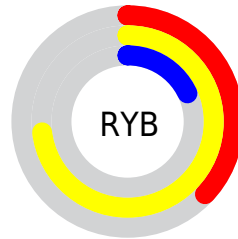
# Distribution



Red (73%)

Green (59%)

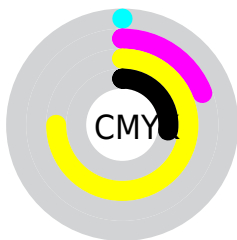
Blue (18%)



Red (37%)

Yellow (73%)

Blue (18%)

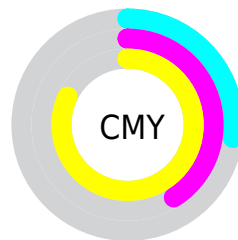


Cyan (0%)

Magenta (19%)

Yellow (75%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9962F 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 B9962F by changing the saturation by 10% instead.





B9962F



B9962F

FFFFFF



9C7C10



F4CC64



806400



FFE87F



654C00



FFFF9A



493600



FFFFB5



2F2100



FFFFD2



160B00



FFFFEF



000000



B9962F



B9962F




B9911D



B99B42

 B98D0A

 B99F54

 B98A00

 B9A467

 B9A979

 B9AD8C

 B9B29E

 B9B7B1

 B9BCC3

 B9C0D6

# Harmonies

## Analogous

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



DF8346



B9962F



88A53B

# Triad

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



B9962F



00B2C7



D37AD1

# Complementary

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



B9962F



2F52B9

# 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.



948FF3



B9962F



00ADEE

# Square

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



B9962F



00B294



00A1FE



F26DA1

# Rectangle

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



B9962F



5FAB53



00A1FE



C281DE



# Sweetspot

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



B9962F



F0E2BB



B92F54



787059



F7F7F7



787878



# Same Dimension

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



B9962F



F0B918



99B92F



5C5953



9C7400



1C1500



# Inverse Universe

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



2F52B9



184FF0



4F2FB9



53555C



00279C



00071C



# Previews

## White Background



This preview shows how the Hex color B9962F looks on a white background.

## Color Contrast Check

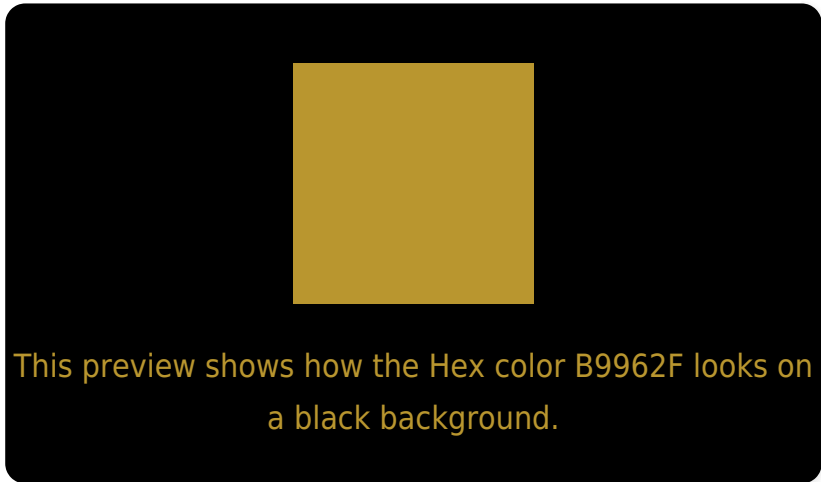
Large Text (above 18pt) WCAG AA × Fail

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 B9962F Background



This preview shows how black text looks on a background with the Hex color B9962F.



This preview shows how white text looks on a background with the Hex color B9962F.

# 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**  
B9962F

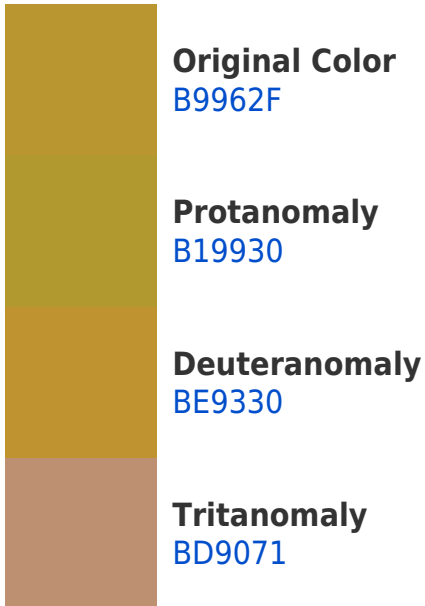
**Protanopia**  
AD9B30

**Deuteranopia**  
C19230

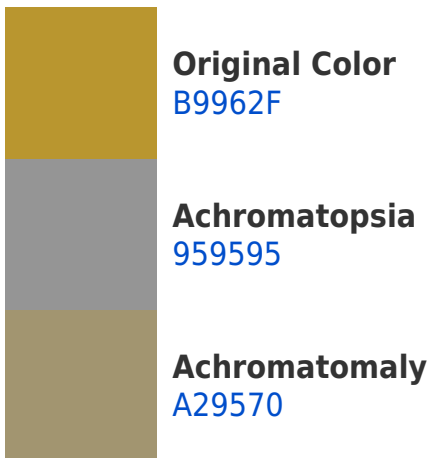


**Tritanopia**  
C08C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9962F 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 #B9962F looks like.

```
.text, #text, p{  
    color:#B9962F  
}
```

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 #B9962F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9962F
}
```

## Border

The CSS property to change the border of an element to Hex B9962F 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
#B9962F }
```

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

```
.border{ border-color:#B9962F }
```

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

Here you see how a box with a 4 pixel #B9962F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9962F; -webkit-box-shadow:4px 4px  
4px 4px #B9962F; box-shadow:4px 4px 4px  
4px #B9962F }
```

# Background

The CSS property to change the background color of an element to Hex B9962F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9962F }
```

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

```
.background{ background-color:#B9962F }
```

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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