

Converting Colors

Hex(B9742F)

Have a look what the booklet for
Hex(B9742F) contains.

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Color

Hex(B9742F)

Conversions

Conversions Part 1

Format	Color
Hex	B9742F
RGB	185, 116, 47
RGB Percent	73%, 45%, 18%
CMY	0.2745, 0.5451, 0.8157
CMYK	0.00, 0.37, 0.75, 0.27
HSL	30°, 59%, 45%
HSV	30°, 75%, 73%
XYZ	26.7661, 23.0103, 5.7200
YIQ	128.7650, 63.2730, -6.8310

Conversions

Conversions Part 2

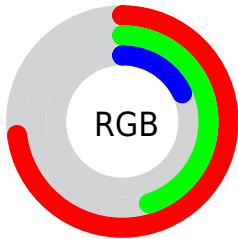
Format	Color
R _Y B	185, 185, 47
Decimal	12153903
CIE Lab	55.08, 21.34, 47.65
CIE LCh	55, 52.212, 65.876
Yxy	23.0103, 0.4823, 0.4146
Android (android.graphics.Color)	4290343983 (0xFFB9742F)
YUV	128.7650, -40.3101, 49.3181
Hunter-Lab	47.9691, 15.6547, 26.5084

Details

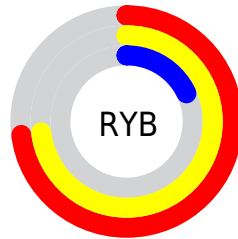
The Hex color **B9742F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2F74B9**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F5A861**, and **7F4300** is the 20% darker color. If you saturate the color by 10%, you get **B96B1D**, and if you desaturate by 10%, it is **B97D42**.

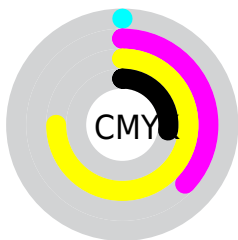
Distribution



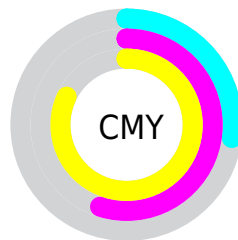
- Red (73%)
- Green (45%)
- Blue (18%)



- Red (73%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (75%)
- Black (27%)



- Cyan (27%)
- Magenta (55%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9742F 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 B9742F by changing the saturation by 10% instead.

 B9742F

 B9742F

FFFFFF

 9C5B15

 F5A861

 7F4300

 FFC47B

 632D00

 FFE095

 471700

 FFFCB1

 2D0000

 FFFFCD

 000000

 FFFFEE9

 B9742F

 B9742F

 B96B1D

 B97D42

 B9620A

 B98754

 B95D00

 B99067

 B99979

 B9A28C

 B9AC9E

 B9B5B1

 B9BEC3

 B9C7D6

Harmonies

Analogous

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



D16351



B9742F



948421

Triad

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



B9742F



009A8C



9174CE

Complementary

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



B9742F



2F74B9

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.



3286DE



B9742F



0098B8

Square

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



B9742F



09975D



0092D6



C262AA

Rectangle

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



B9742F



758D2C



0092D6



7A7BD6

Sweetspot

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



B9742F



F0D5BB



B92F74



786859



F7F7F7



787878

Same Dimension

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



B9742F



F08418



B9B92F



5C5753



9C4E00



1C0E00

Inverse Universe

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



2F74B9



1884F0



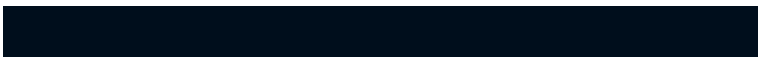
2F2FB9



53575C



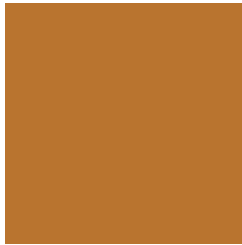
004E9C



000E1C

Previews

White Background



This preview shows how the Hex color B9742F looks on a white background.

Color Contrast Check

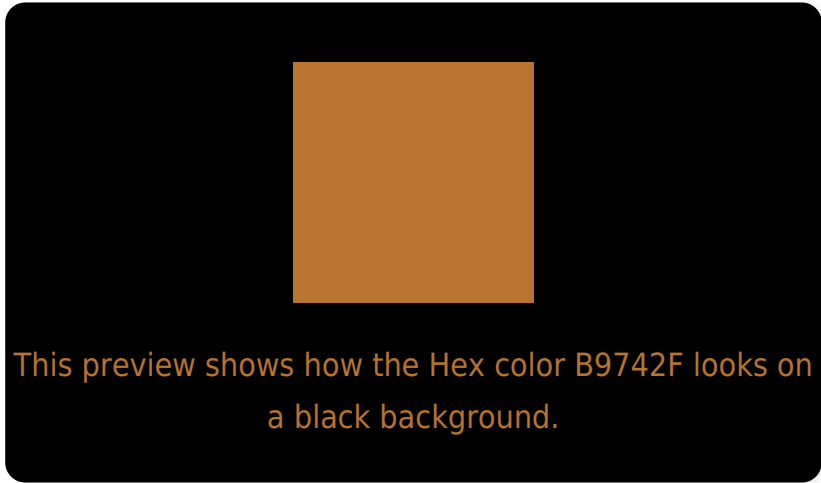
Large Text (above 18pt) WCAG AA ✓ Pass

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

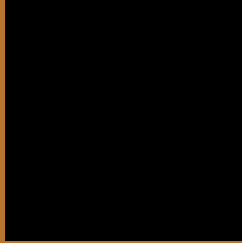
Any Text WCAG AA ✓ Pass

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 B9742F Background



This preview shows how black text looks on a background with the Hex color B9742F.



This preview shows how white text looks on a background with the Hex color B9742F.

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
B9742F

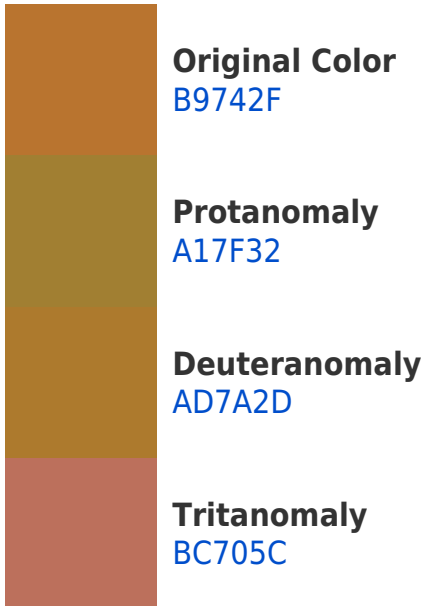
Protanopia
948534

Deuteranopia
A67E2C

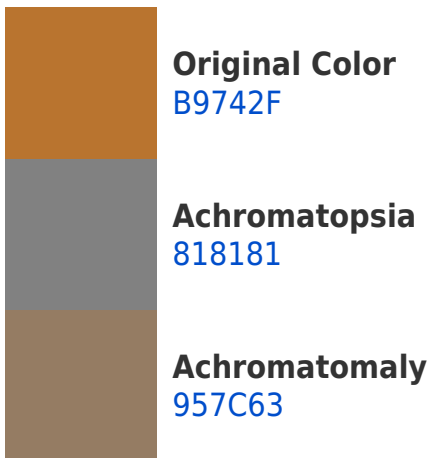


Tritanopia
BD6D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9742F 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 #B9742F looks like.

```
.text, #text, p{  
    color:#B9742F  
}
```

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 #B9742F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9742F
}
```

Border

The CSS property to change the border of an element to Hex B9742F 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
#B9742F }
```

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

```
.border{ border-color:#B9742F }
```

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

Here you see how a box with a 4 pixel #B9742F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9742F; -webkit-box-shadow:4px 4px  
4px 4px #B9742F; box-shadow:4px 4px 4px  
4px #B9742F }
```

Background

The CSS property to change the background color of an element to Hex B9742F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9742F }
```

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

```
.background{ background-color:#B9742F }
```

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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