

Converting Colors

Hex(967E18)

Have a look what the booklet for
Hex(967E18) contains.

Hex(967E18)	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(967E18)

Conversions

Conversions Part 1

Format	Color
Hex	967E18
RGB	150, 126, 24
RGB Percent	59%, 49%, 9%
CMY	0.4118, 0.5059, 0.9059
CMYK	0.00, 0.16, 0.84, 0.41
HSL	49°, 72%, 34%
HSV	49°, 84%, 59%
XYZ	20.2034, 21.4717, 3.9438
YIQ	121.5480, 47.0460, -26.6340

Conversions

Conversions Part 2

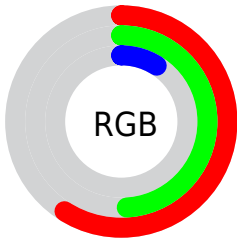
Format	Color
R_{YB}	54, 150, 24
Decimal	9862680
CIE _{Lab}	53.46, -1.00, 53.59
CIE _{LCh}	53, 53.598, 91.074
Yxy	21.4717, 0.4429, 0.4707
Android (android.graphics.Color)	4288052760 (0xFF967E18)
YUV	121.5480, -48.0912, 24.9524
Hunter-Lab	46.3376, -3.2638, 27.3901

Details

The Hex color **967E18** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **183096**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D0B24F**, and **5F4D00** is the 20% darker color. If you saturate the color by 10%, you get **967B09**, and if you desaturate by 10%, it is **968127**.

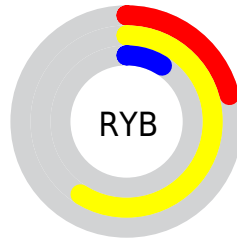
Distribution



Red (59%)

Green (49%)

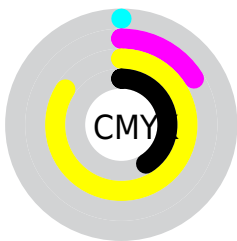
Blue (9%)



Red (21%)

Yellow (59%)

Blue (9%)

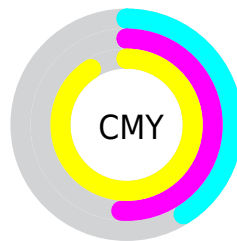


Cyan (0%)

Magenta (16%)

Yellow (84%)

Black (41%)



Cyan (41%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 967E18 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 967E18 by changing the saturation by 10% instead.

 967E18

 967E18

FFFFFF

 7A6500

 D0B24F

 5F4D00

 EDCE69

 443700

 FFEA83

 2B2200

 FFFF9E

 100D00

 FFFFBA

 000000

 FFFF66

 FFFFF3

 967E18

 967E18

■ 967B09

■ 968127

■ 967900

■ 968436

■ 968745

■ 968954

■ 968C63

■ 968F72

■ 969281

■ 969590

■ 96989F

Harmonies

Analogous

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



BA6C2D



967E18



688B29

Triad

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



967E18



0095AE



B95FAD

Complementary

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



967E18



183096

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.



8273CF



967E18



0090D0

Square

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



967E18



009680



0084DC



D15480

Rectangle

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



967E18



3E9042



0084DC



AA65BA

Sweetspot

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



967E18



C2B991



961831



615B44



E0E0E0



616161

Same Dimension

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



967E18



C29D00



709618



4A4943



8A6F00



0A0800

Inverse Universe

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



183096



0025C2



3E1896



43444A



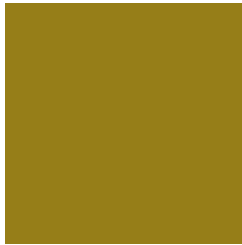
001A8A



00020A

Previews

White Background



This preview shows how the Hex color 967E18 looks on a white background.

Color Contrast Check

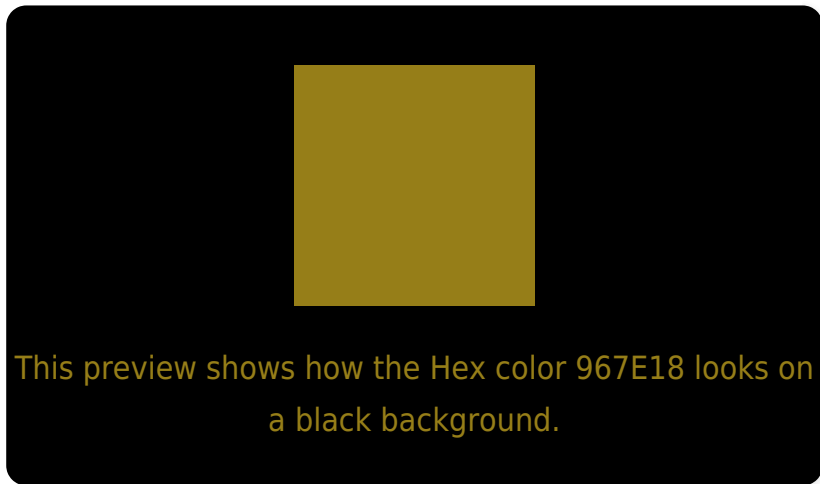
Large Text (above 18pt) WCAG AA ✓ Pass

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 967E18 Background



This preview shows how black text looks on a background with the Hex color 967E18.



This preview shows how white text looks on a background with the Hex color 967E18.

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
967E18

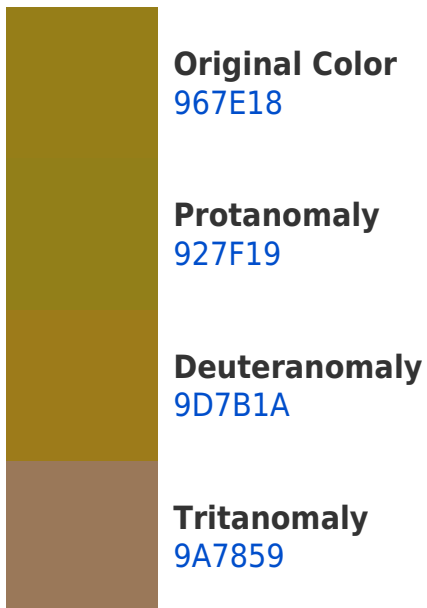
Protanopia
908019

Deuteranopia
A1791B

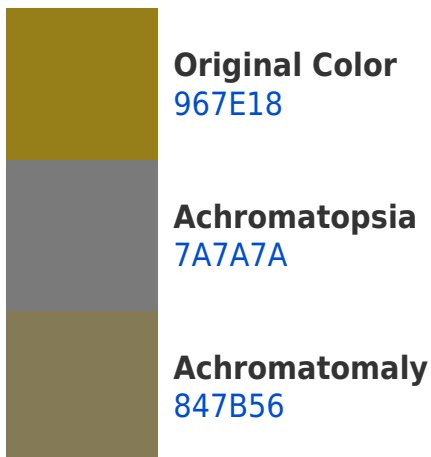


Tritanopia
9D757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 967E18 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 #967E18 looks like.

```
.text, #text, p{  
    color:#967E18  
}
```

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 #967E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #967E18 }  
}
```

Border

The CSS property to change the border of an element to Hex 967E18 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 #967E18 }  
}
```

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

```
.border{ border-color:#967E18 }
```

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

Here you see how a box with a 4 pixel #967E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #967E18; -webkit-box-shadow:4px 4px  
4px 4px #967E18; box-shadow:4px 4px 4px  
4px #967E18 }
```

Background

The CSS property to change the background color of an element to Hex 967E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#967E18 }
```

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

```
.background{ background-color:#967E18 }
```

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