

Converting Colors

Hex(937F1C)

Have a look what the booklet for
Hex(937F1C) contains.

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Color

Hex(937F1C)

Conversions

Conversions Part 1

Format	Color
Hex	937F1C
RGB	147, 127, 28
RGB Percent	58%, 50%, 11%
CMY	0.4235, 0.5020, 0.8902
CMYK	0.00, 0.14, 0.81, 0.42
HSL	50°, 68%, 34%
HSV	50°, 81%, 58%
XYZ	19.8316, 21.4656, 4.1967
YIQ	121.6940, 43.6990, -26.5490

Conversions

Conversions Part 2

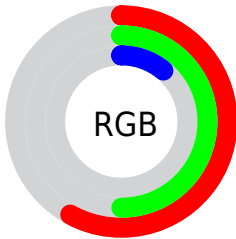
Format	Color
R_{YB}	52, 147, 28
Decimal	9666332
CIE _{Lab}	53.46, -2.82, 52.19
CIE _{LCh}	53, 52.269, 93.091
Yxy	21.4656, 0.4359, 0.4718
Android (android.graphics.Color)	4287856412 (0xFF937F1C)
YUV	121.6940, -46.1911, 22.1934
Hunter-Lab	46.3310, -4.6739, 27.0612

Details

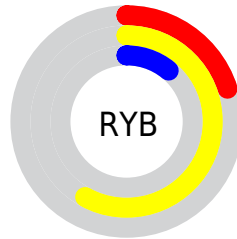
The Hex color **937F1C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1C3093**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CCB351**, and **5D4E00** is the 20% darker color. If you saturate the color by 10%, you get **937D0D**, and if you desaturate by 10%, it is **93812B**.

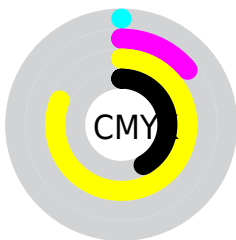
Distribution



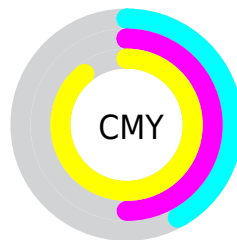
- Red (58%)
- Green (50%)
- Blue (11%)



- Red (20%)
- Yellow (58%)
- Blue (11%)



- Cyan (0%)
- Magenta (14%)
- Yellow (81%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937F1C 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 937F1C by changing the saturation by 10% instead.

 937F1C

 937F1C

FFFFFF

 776600

 CCB351

 5D4E00

 EACF6B

 423800

 FFE886

 292300

 FFFFA1

 0C0E00

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 937F1C

 937F1C

■ 937D0D

■ 93812B

■ 937A00

■ 938439

■ 938648

■ 938957

■ 938B66

■ 938E74

■ 939083

■ 939392

■ 9395A0

Harmonies

Analogous

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



B76E2D



937F1C



658B2E

Triad

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



937F1C



0094B0



BA5FA9

Complementary

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



937F1C



1C3093

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.



8772CB



937F1C



008FD0

Square

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



937F1C



009583



1083DA



D0557D

Rectangle

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



937F1C



3B9047



1083DA



AC65B6

Sweetspot

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



937F1C



BFB891



931C32



615C45



E0E0E0



616161

Same Dimension

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



937F1C



BFA006



6D931C



4A4943



8A7300



0A0800

Inverse Universe

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



1C3093



0625BF



421C93



43444A



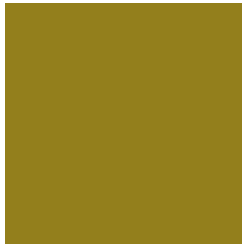
00178A



00020A

Previews

White Background



This preview shows how the Hex color 937F1C looks on a white background.

Color Contrast Check

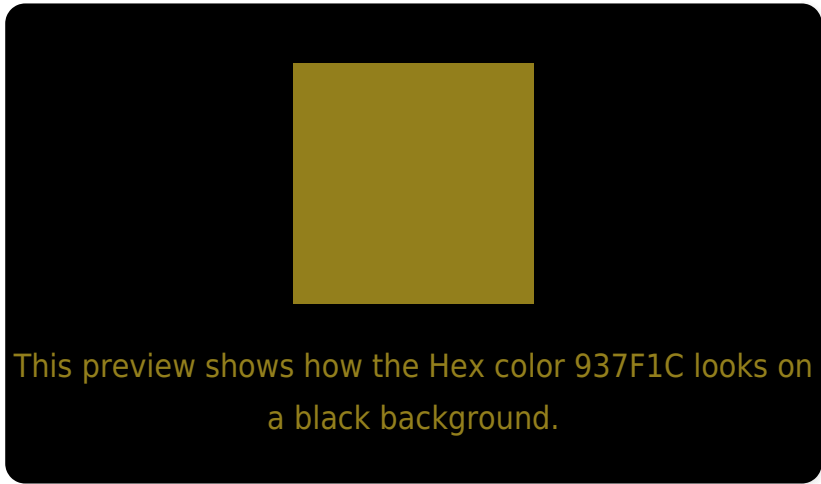
Large Text (above 18pt) WCAG AA ✓ Pass

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 937F1C Background



This preview shows how black text looks on a background with the Hex color 937F1C.



This preview shows how white text looks on a background with the Hex color 937F1C.

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
937F1C

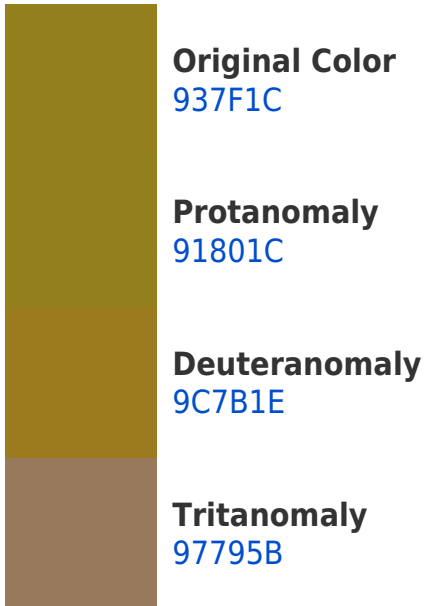
Protanopia
90801C

Deuteranopia
A1791F

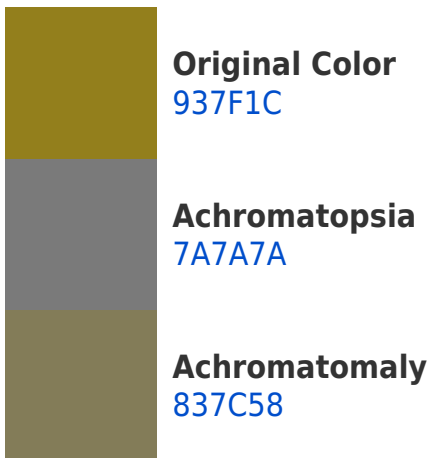


Tritanopia
9A767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 937F1C 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 #937F1C looks like.

```
.text, #text, p{  
    color:#937F1C  
}
```

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 #937F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937F1C
}
```

Border

The CSS property to change the border of an element to Hex 937F1C 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
#937F1C }
```

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

```
.border{ border-color:#937F1C }
```

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

Here you see how a box with a 4 pixel #937F1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937F1C; -webkit-box-shadow:4px 4px  
4px 4px #937F1C; box-shadow:4px 4px 4px  
4px #937F1C }
```

Background

The CSS property to change the background color of an element to Hex 937F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937F1C }
```

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

```
.background{ background-color:#937F1C }
```

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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