

Converting Colors

Hex(949F2E)

Have a look what the booklet for
Hex(949F2E) contains.

Hex(949F2E)	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(949F2E)

Conversions

Conversions Part 1

Format	Color
Hex	949F2E
RGB	148, 159, 46
RGB Percent	58%, 62%, 18%
CMY	0.4196, 0.3765, 0.8196
CMYK	0.07, 0.00, 0.71, 0.38
HSL	66°, 55%, 40%
HSV	66°, 71%, 62%
XYZ	25.1040, 31.2894, 7.3011
YIQ	142.8290, 29.7170, -37.4750

Conversions

Conversions Part 2

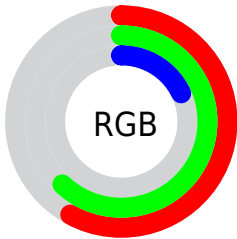
Format	Color
RYB	46, 159, 57
Decimal	9740078
CIELab	62.75, -18.64, 54.52
CIELCh	63, 57.624, 108.875
Yxy	31.2894, 0.3941, 0.4912
Android (android.graphics.Color)	4287930158 (0xFF949F2E)
YUV	142.8290, -47.7367, 4.5350
Hunter-Lab	55.9370, -17.7804, 31.4171

Details

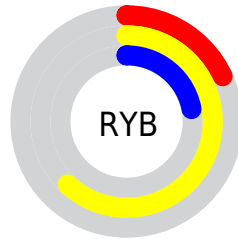
The Hex color **949F2E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **392E9F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CDD663**, and **5E6C00** is the 20% darker color. If you saturate the color by 10%, you get **929F1E**, and if you desaturate by 10%, it is **969F3E**.

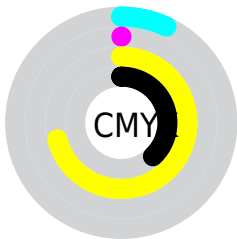
Distribution



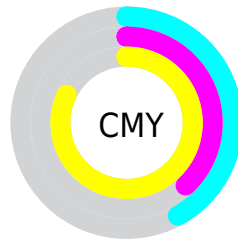
- Red (58%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (22%)



- Cyan (7%)
- Magenta (0%)
- Yellow (71%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949F2E 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 949F2E by changing the saturation by 10% instead.



949F2E



949F2E

FFFFFF



79850E



CDD663



5E6C00



EAF27E



445300



FFFF99



2A3C00



FFFFB5



102700



FFFFD1



001100



FFFEE



000000



949F2E



949F2E



929F1E



969F3E

■ 919F0E

■ 979F4E

■ 909F00

■ 999F5E

■ 9A9F6E

■ 9C9F7E

■ 9D9F8D

■ 9F9F9D

■ A09FAD

■ A29FBD

Harmonies

Analogous

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



C38E2D



949F2E



57AA51

Triad

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



949F2E



00ADE4



EB6BAD

Complementary

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



949F2E



392E9F

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.



C37CDC



949F2E



00A3FC

Square

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



949F2E



00B1B7



7692F9



F56A7A

Rectangle

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



949F2E



00AE71



7692F9



E170BE

Sweetspot

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



949F2E



CACFA3



9F372E



66694E



E8E8E8



696969

Same Dimension

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



949F2E



BDCF1F



5D9F2E



4E4F47



818F00



0E0F00

Inverse Universe

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



392E9F



301FCF



702E9F



48474F



0E008F



01000F

Previews

White Background



This preview shows how the Hex color 949F2E looks on a white background.

Color Contrast Check

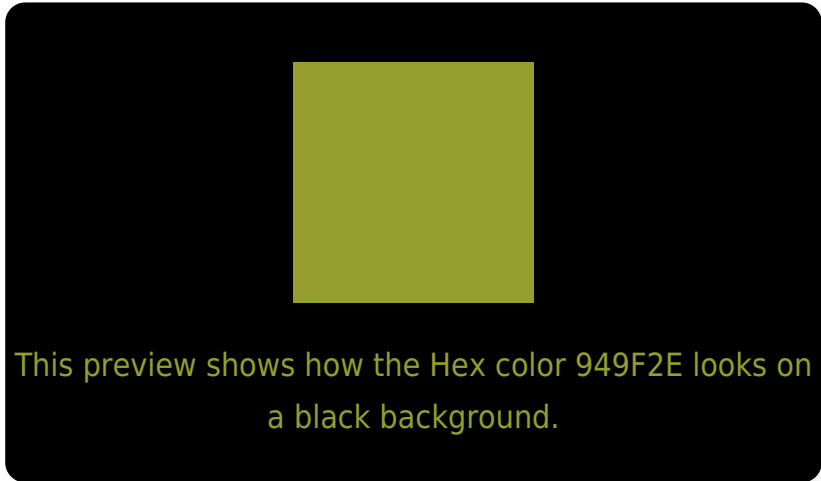
Large Text (above 18pt) WCAG AA × Fail

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 949F2E Background



This preview shows how black text looks on a background with the Hex color 949F2E.



This preview shows how white text looks on a background with the Hex color 949F2E.

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
949F2E

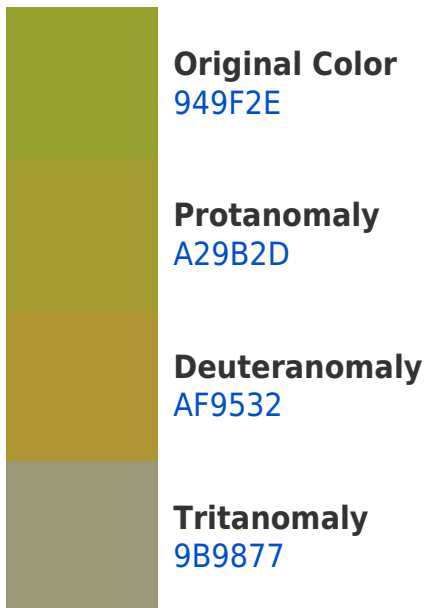
Protanopia
AA982C

Deuteranopia
BE9034

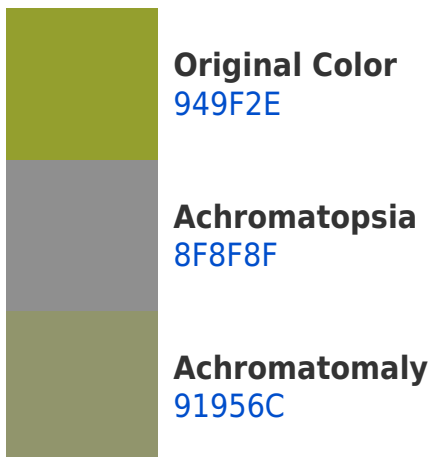


Tritanopia
9F94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 949F2E 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 #949F2E looks like.

```
.text, #text, p{  
    color:#949F2E  
}
```

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 #949F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949F2E
}
```

Border

The CSS property to change the border of an element to Hex 949F2E 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
#949F2E }
```

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

```
.border{ border-color:#949F2E }
```

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

Here you see how a box with a 4 pixel #949F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949F2E; -webkit-box-shadow:4px 4px  
4px 4px #949F2E; box-shadow:4px 4px 4px  
4px #949F2E }
```

Background

The CSS property to change the background color of an element to Hex 949F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949F2E }
```

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

```
.background{ background-color:#949F2E }
```

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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