

Converting Colors

Hex(949F24)

Have a look what the booklet for
Hex(949F24) contains.

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Color

Hex(949F24)

Conversions

Conversions Part 1

Format	Color
Hex	949F24
RGB	148, 159, 36
RGB Percent	58%, 62%, 14%
CMY	0.4196, 0.3765, 0.8588
CMYK	0.07, 0.00, 0.77, 0.38
HSL	65°, 63%, 38%
HSV	65°, 77%, 62%
XYZ	24.9293, 31.2195, 6.3811
YIQ	141.6890, 32.9270, -40.5850

Conversions

Conversions Part 2

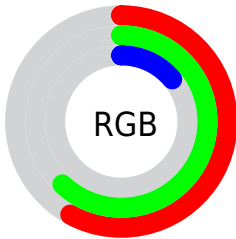
Format	Color
RYB	36, 159, 47
Decimal	9740068
CIELab	62.69, -19.13, 57.99
CIELCh	63, 61.066, 108.261
Yxy	31.2195, 0.3987, 0.4993
Android (android.graphics.Color)	4287930148 (0xFF949F24)
YUV	141.6890, -52.1047, 5.5347
Hunter-Lab	55.8745, -18.1396, 32.3409

Details

The Hex color **949F24** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2F249F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CDD65B**, and **5D6C00** is the 20% darker color. If you saturate the color by 10%, you get **939F14**, and if you desaturate by 10%, it is **959F34**.

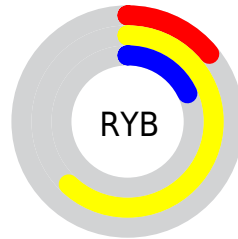
Distribution



Red (58%)

Green (62%)

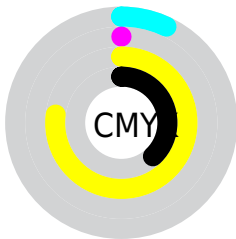
Blue (14%)



Red (14%)

Yellow (62%)

Blue (18%)

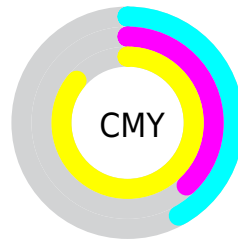


Cyan (7%)

Magenta (0%)

Yellow (77%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949F24 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 949F24 by changing the saturation by 10% instead.



949F24



949F24

FFFFFF



788500



CDD65B



5D6C00



EAF276



445400



FFFF92



293C00



FFFFAD



0F2700



FFFCA



001100



FFFEE7



000000



949F24



949F24



939F14



959F34

 919F04

 979F44

 919F00

 989F54

 9A9F64

 9B9F73

 9D9F83

 9E9F93

 9F9FA3

 A19FB3

Harmonies

Analogous

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



C68D24



949F24



53AA4B

Triad

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



949F24



00AEE8



EF67AF

Complementary

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



949F24



2F249F

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.



C47BE1



949F24



00A4FF

Square

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



949F24



00B2B8



7092FF



FA6679

Rectangle

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



949F24



00AF6D



7092FF



E56CC1

Sweetspot

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



949F24



CACF9F



9F2E24



66694B



E8E8E8



696969

Same Dimension

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



949F24



BDCF0E



579F24



4E4F47



828F00



0E0F00

Inverse Universe

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



2F249F



200ECF



6C249F



48474F



0D008F



01000F

Previews

White Background



This preview shows how the Hex color 949F24 looks on a white background.

Color Contrast Check

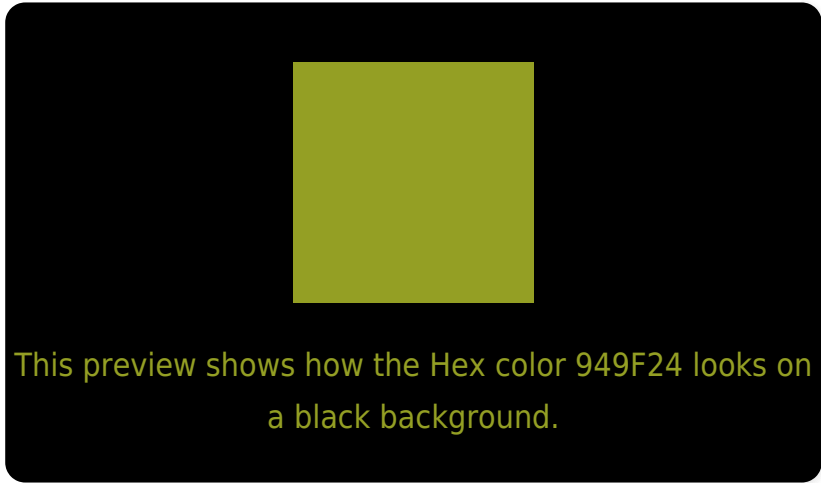
Large Text (above 18pt) WCAG AA × Fail

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 949F24 Background



This preview shows how black text looks on a background with the Hex color 949F24.



This preview shows how white text looks on a background with the Hex color 949F24.

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
949F24

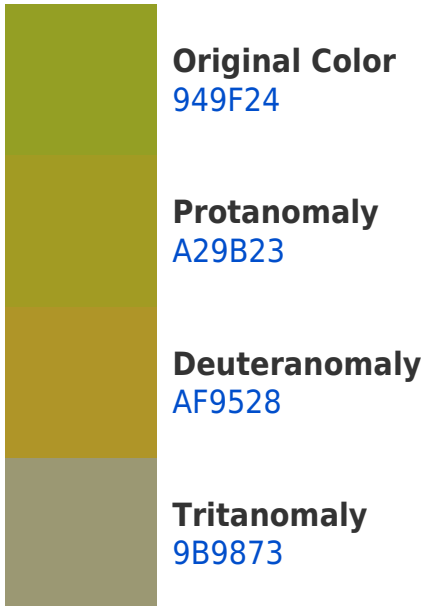
Protanopia
AA9822

Deuteranopia
BE902B

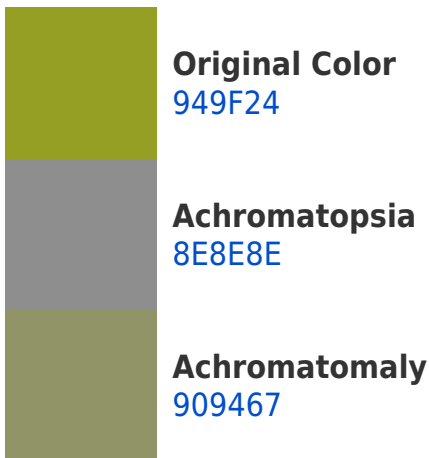


Tritanopia
9F94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 949F24 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 #949F24 looks like.

```
.text, #text, p{  
    color:#949F24  
}
```

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 #949F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949F24
}
```

Border

The CSS property to change the border of an element to Hex 949F24 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
#949F24 }
```

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

```
.border{ border-color:#949F24 }
```

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

Here you see how a box with a 4 pixel #949F24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949F24; -webkit-box-shadow:4px 4px  
4px 4px #949F24; box-shadow:4px 4px 4px  
4px #949F24 }
```

Background

The CSS property to change the background color of an element to Hex 949F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949F24 }
```

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

```
.background{ background-color:#949F24 }
```

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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