

Converting Colors

Hex(9F9E45)

Have a look what the booklet for
Hex(9F9E45) contains.

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Color

Hex(9F9E45)

Conversions

Conversions Part 1

Format	Color
Hex	9F9E45
RGB	159, 158, 69
RGB Percent	62%, 62%, 27%
CMY	0.3765, 0.3804, 0.7294
CMYK	0.00, 0.01, 0.57, 0.38
HSL	59°, 39%, 45%
HSV	59°, 57%, 62%
XYZ	27.5991, 32.2543, 10.4013
YIQ	148.1530, 29.1650, -27.4670

Conversions

Conversions Part 2

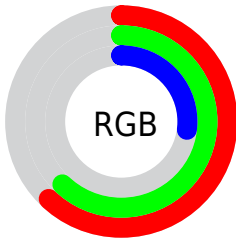
Format	Color
RYB	70, 159, 69
Decimal	10460741
CIELab	63.55, -11.80, 45.73
CIELCh	64, 47.231, 104.470
Yxy	32.2543, 0.3928, 0.4591
Android (android.graphics.Color)	4288650821 (0xFF9F9E45)
YUV	148.1530, -39.0224, 9.5128
Hunter-Lab	56.7929, -12.6436, 28.8964

Details

The Hex color **9F9E45** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **45469F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D8D478**, and **696B10** is the 20% darker color. If you saturate the color by 10%, you get **9F9E35**, and if you desaturate by 10%, it is **9F9E55**.

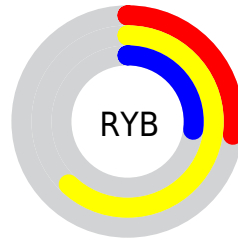
Distribution



Red (62%)

Green (62%)

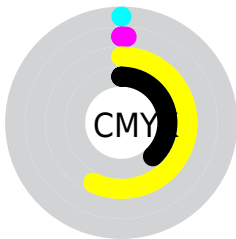
Blue (27%)



Red (27%)

Yellow (62%)

Blue (27%)

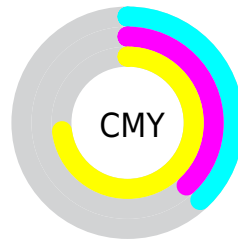


Cyan (0%)

Magenta (1%)

Yellow (57%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F9E45 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 9F9E45 by changing the saturation by 10% instead.



9F9E45



9F9E45

FFFFFF



84842C



D8D478



696B10



F5F193



4F5300



FFFFAE



363C00



FFFFCA



1D2600



FFFFE7



001300



000000



9F9E45



9F9E45



9F9E35



9F9E55

 9F9E25

 9F9E65

 9F9D15

 9F9F75

 9F9D05

 9F9F85

 9F9D00

 9F9F95

 9F9FA4

 9F9FB4

 9F9FC4

 9FA0D4

Harmonies

Analogous

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



C59048



9F9E45



70A85C

Triad

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



9F9E45



00ACD4



DD79B2

Complementary

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



9F9E45



45469F

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.



B787D6



9F9E45



00A5EA

Square

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



9F9E45



00AFAE



7897EB



E97787

Rectangle

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



9F9E45



47AC74



7897EB



D37DBF

Sweetspot

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



9F9E45



CFCEAB



9F4547



696854



E8E8E8



696969

Same Dimension

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



9F9E45



CFCD42



739F45



4F4F47



8F8D00



0F0F00

Inverse Universe

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



45469F



4244CF



71459F



47474F



00028F



00000F

Previews

White Background



This preview shows how the Hex color 9F9E45 looks on a white background.

Color Contrast Check

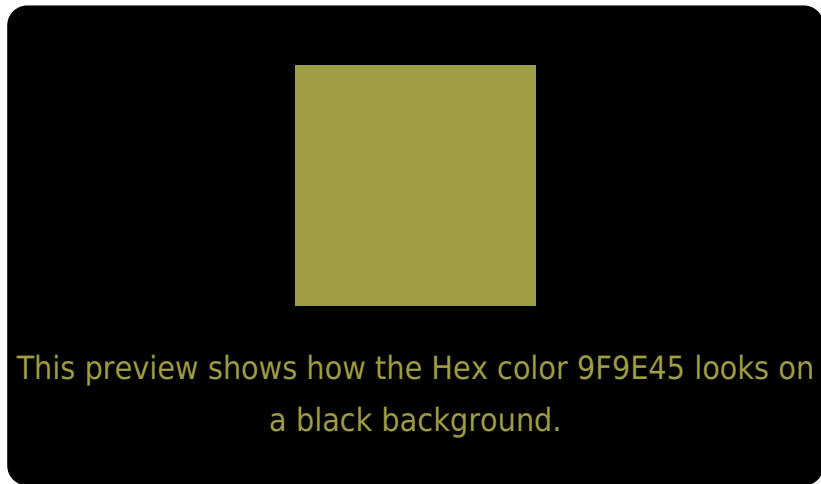
Large Text (above 18pt) WCAG AA × Fail

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

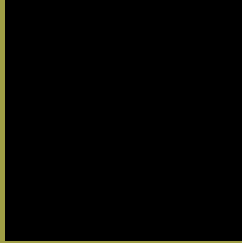
Any Text WCAG AA ✓ Pass

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 9F9E45 Background



This preview shows how black text looks on a background with the Hex color 9F9E45.



This preview shows how white text looks on a background with the Hex color 9F9E45.

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
9F9E45

Protanopia
AB9A44

Deuteranopia
BE9248

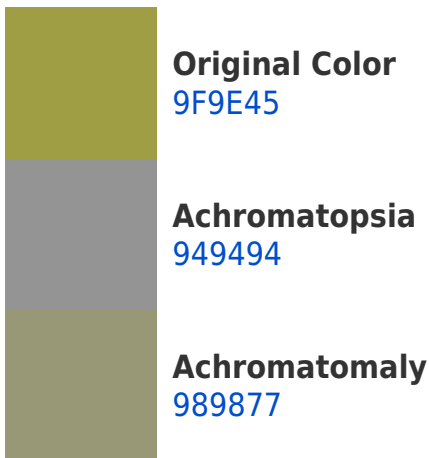


Tritanopia
A894A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F9E45 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 #9F9E45 looks like.

```
.text, #text, p{  
    color:#9F9E45  
}
```

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 #9F9E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9E45
}
```

Border

The CSS property to change the border of an element to Hex 9F9E45 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
#9F9E45 }
```

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

```
.border{ border-color:#9F9E45 }
```

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

Here you see how a box with a 4 pixel #9F9E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9E45; -webkit-box-shadow:4px 4px  
4px 4px #9F9E45; box-shadow:4px 4px 4px  
4px #9F9E45 }
```

Background

The CSS property to change the background color of an element to Hex 9F9E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9E45 }
```

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

```
.background{ background-color:#9F9E45 }
```

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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