

Converting Colors

Hex(94A473)

Have a look what the booklet for
Hex(94A473) contains.

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Color

Hex(94A473)

Conversions

Conversions Part 1

Format	Color
Hex	94A473
RGB	148, 164, 115
RGB Percent	58%, 64%, 45%
CMY	0.4196, 0.3569, 0.5490
CMYK	0.10, 0.00, 0.30, 0.36
HSL	80°, 21%, 55%
HSV	80°, 30%, 64%
XYZ	28.5827, 34.0846, 21.2922
YIQ	153.6300, 6.1930, -18.6310

Conversions

Conversions Part 2

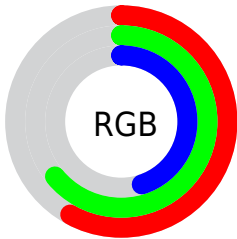
Format	Color
RYB	115, 164, 131
Decimal	9741427
CIELab	65.03, -14.28, 23.62
CIElCh	65, 27.601, 121.159
Yxy	34.0846, 0.3404, 0.4060
Android (android.graphics.Color)	4287931507 (0xFF94A473)
YUV	153.6300, -19.0446, -4.9375
Hunter-Lab	58.3820, -14.7784, 19.2441

Details

The Hex color **94A473** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8373A4**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CBDBA7**, and **617042** is the 20% darker color. If you saturate the color by 10%, you get **8FA463**, and if you desaturate by 10%, it is **99A483**.

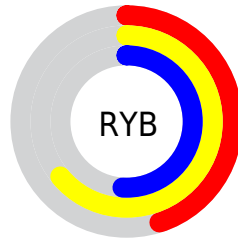
Distribution



Red (58%)

Green (64%)

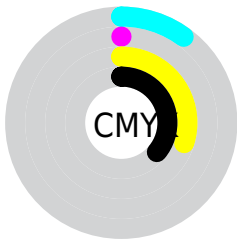
Blue (45%)



Red (45%)

Yellow (64%)

Blue (51%)

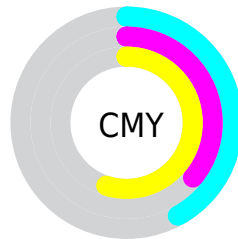


Cyan (10%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94A473 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 94A473 by changing the saturation by 10% instead.

94A473

94A473

FFFFFF

7A8A5A

CBDBA7

617042

E7F7C3

48582C

FFFFDF

314016

FFFFFB

1C2A00

001700

000000

94A473

94A473

8FA463

99A483

 89A452

 9FA494

 84A442

 A4A4A4

 7FA431

 A9A4B5

 79A421

 AFA4C5

 74A411

 B4A4D5

 6FA400

 B9A4E6

 6EA400

 BFA4F6

 C4A4FF

Harmonies

Analogous

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



AE9D6C



94A473



77A985

Triad

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



94A473



5EA7C8



CD8C9E

Complementary

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



94A473



8373A4

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.



BE8FB6



94A473



7FA0CF

Square

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



94A473



4FABB6



A397C8



CE8E85

Rectangle

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



94A473



65AB95



A397C8



CA8CA6

Sweetspot

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



94A473



D0D6C3



A48373



676B5F



EBEBEB



6B6B6B

Same Dimension

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



94A473



BDD689



7CA473



4F5249



629100



0C1200

Inverse Universe

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



8373A4



A289D6



9B73A4



4C4952



2F0091



060012

Previews

White Background



This preview shows how the Hex color 94A473 looks on a white background.

Color Contrast Check

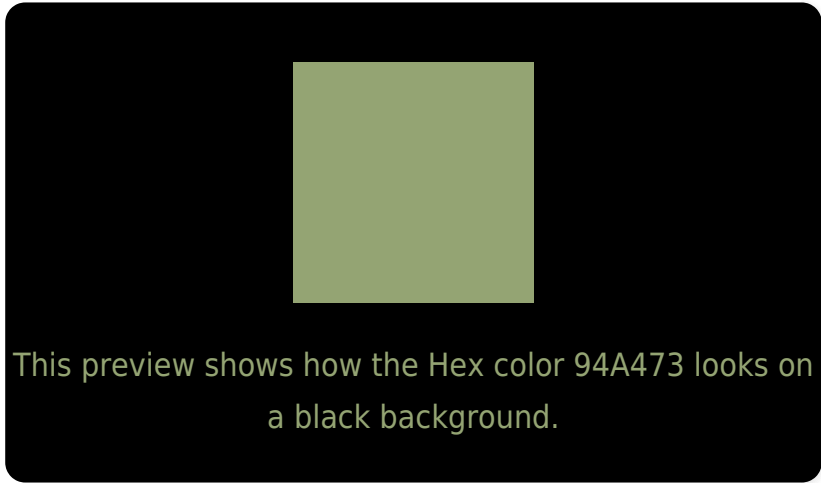
Large Text (above 18pt) WCAG AA × Fail

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

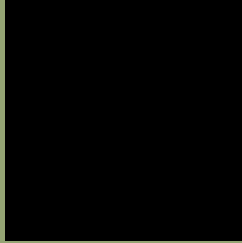
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

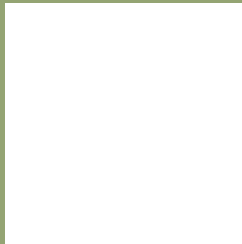
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 94A473 Background



This preview shows how black text looks on a background with the Hex color 94A473.



This preview shows how white text looks on a background with the Hex color 94A473.

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
94A473

Protanopia
AA9D70

Deuteranopia
BA9776



Tritanopia
9C9DA9

Trichromacy



Original Color
94A473

Protanomaly
A2A071

Deuteranomaly
AC9C75

Tritanomaly
99A095

Monochromacy



Original Color
94A473

Achromatopsia
9A9A9A

Achromatomaly
989E8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 94A473 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 #94A473 looks like.

```
.text, #text, p{  
    color:#94A473  
}
```

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 #94A473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A473
}
```

Border

The CSS property to change the border of an element to Hex 94A473 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
#94A473 }
```

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

```
.border{ border-color:#94A473 }
```

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

Here you see how a box with a 4 pixel #94A473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A473; -webkit-box-shadow:4px 4px  
4px 4px #94A473; box-shadow:4px 4px 4px  
4px #94A473 }
```

Background

The CSS property to change the background color of an element to Hex 94A473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A473 }
```

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

```
.background{ background-color:#94A473 }
```

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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