

Converting Colors

Hex(93972A)

Have a look what the booklet for
Hex(93972A) contains.

Hex(93972A)	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(93972A)

Conversions

Conversions Part 1

Format	Color
Hex	93972A
RGB	147, 151, 42
RGB Percent	58%, 59%, 16%
CMY	0.4235, 0.4078, 0.8353
CMYK	0.03, 0.00, 0.72, 0.41
HSL	62°, 56%, 38%
HSV	62°, 72%, 59%
XYZ	23.5171, 28.5034, 6.4527
YIQ	137.3780, 32.6050, -34.7470

Conversions

Conversions Part 2

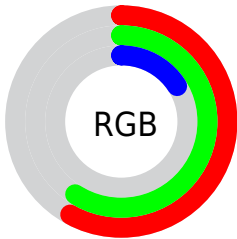
Format	Color
RYB	42, 151, 46
Decimal	9672490
CIELab	60.34, -15.16, 53.65
CIELCh	60, 55.748, 105.779
Yxy	28.5034, 0.4022, 0.4875
Android (android.graphics.Color)	4287862570 (0xFF93972A)
YUV	137.3780, -47.0214, 8.4385
Hunter-Lab	53.3886, -14.8026, 30.2060

Details

The Hex color **93972A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E2A97**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CCCD5F**, and **5D6400** is the 20% darker color. If you saturate the color by 10%, you get **92971B**, and if you desaturate by 10%, it is **949739**.

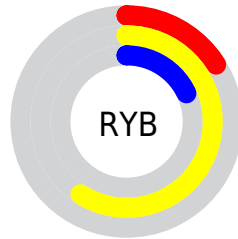
Distribution



Red (58%)

Green (59%)

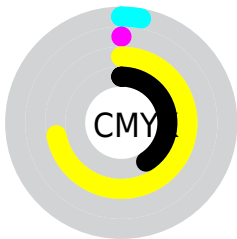
Blue (16%)



Red (16%)

Yellow (59%)

Blue (18%)

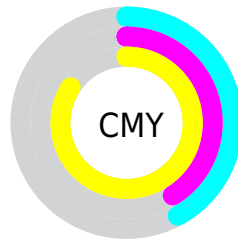


Cyan (3%)

Magenta (0%)

Yellow (72%)

Black (41%)



Cyan (42%)

Magenta (41%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93972A 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 93972A by changing the saturation by 10% instead.



93972A



93972A

FFFFFF



787D08



CCCD5F



5D6400



E9E97A



444D00



FFFF95



293600



FFFFB0



102100



FFFFCD



000200



FFFFE9



000000



93972A



93972A



92971B



949739

 92970C

 949748

 919700

 959757

 959766

 969775

 969785

 979794

 9797A3

 9897B2

Harmonies

Analogous

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



BF872D



93972A



5AA249

Triad

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



93972A



00A6D7



DF68AB

Complementary

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



93972A



2E2A97

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.



B579D7



93972A



009EF1

Square

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



93972A



00A9AB



678EF0



EC6579

Rectangle

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



93972A



10A667



678EF0



D56DBB

Sweetspot

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



93972A



C3C499



972E2A



63634A



E3E3E3



636363

Same Dimension

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



93972A



BEC41A



5D972A



4C4D45



878C00



0C0D00

Inverse Universe

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



2E2A97



201AC4



642A97



45454D



05008C



00000D

Previews

White Background



This preview shows how the Hex color 93972A looks on a white background.

Color Contrast Check

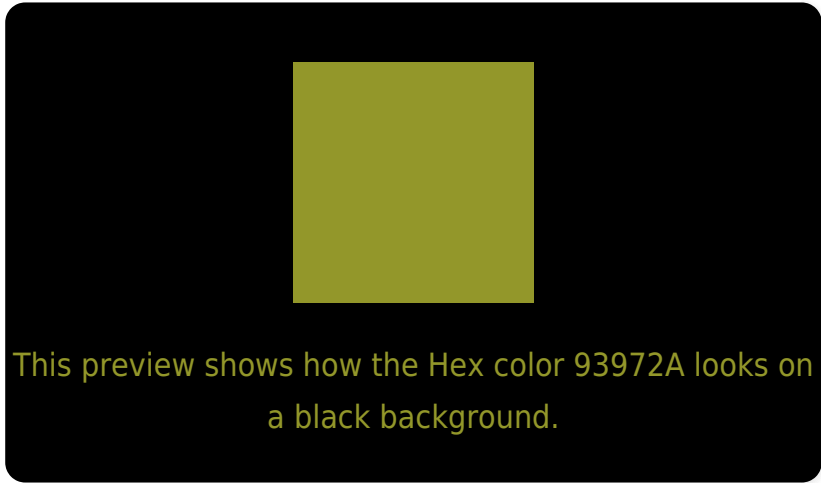
Large Text (above 18pt) WCAG AA ✓ Pass

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

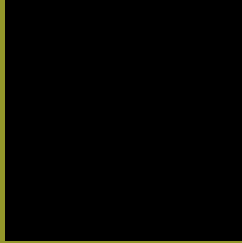
Any Text WCAG AA ✓ Pass

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 93972A Background



This preview shows how black text looks on a background with the Hex color 93972A.



This preview shows how white text looks on a background with the Hex color 93972A.

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
93972A

Protanopia
A39229

Deuteranopia
B68A2F



Tritanopia
9D8D98

Trichromacy



Original Color
93972A

Protanomaly
9D9429

Deuteranomaly
A98F2D

Tritanomaly
999170

Monochromacy



Original Color
93972A

Achromatopsia
898989

Achromatomaly
8D8E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 93972A 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 #93972A looks like.

```
.text, #text, p{  
    color:#93972A  
}
```

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 #93972A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93972A
}
```

Border

The CSS property to change the border of an element to Hex 93972A 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
#93972A }
```

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

```
.border{ border-color:#93972A }
```

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

Here you see how a box with a 4 pixel #93972A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93972A; -webkit-box-shadow:4px 4px  
4px 4px #93972A; box-shadow:4px 4px 4px  
4px #93972A }
```

Background

The CSS property to change the background color of an element to Hex 93972A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93972A }
```

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

```
.background{ background-color:#93972A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor