

Converting Colors

Hex(93A720)

Have a look what the booklet for
Hex(93A720) contains.

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Color

Hex(93A720)

Conversions

Conversions Part 1

Format	Color
Hex	93A720
RGB	147, 167, 32
RGB Percent	58%, 65%, 13%
CMY	0.4235, 0.3451, 0.8745
CMYK	0.12, 0.00, 0.81, 0.35
HSL	69°, 68%, 39%
HSV	69°, 81%, 65%
XYZ	26.1120, 33.9448, 6.5422
YIQ	145.6300, 31.4150, -46.2250

Conversions

Conversions Part 2

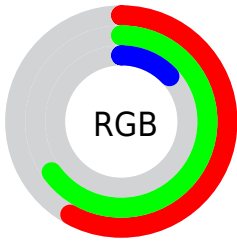
Format	Color
RYB	32, 167, 52
Decimal	9676576
CIELab	64.92, -23.75, 61.18
CIELCh	65, 65.628, 111.213
Yxy	33.9448, 0.3921, 0.5097
Android (android.graphics.Color)	4287866656 (0xFF93A720)
YUV	145.6300, -56.0196, 1.2015
Hunter-Lab	58.2621, -21.9582, 34.1258

Details

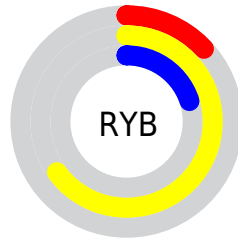
The Hex color **93A720** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3420A7**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CCDE5A**, and **5C7300** is the 20% darker color. If you saturate the color by 10%, you get **91A70F**, and if you desaturate by 10%, it is **95A731**.

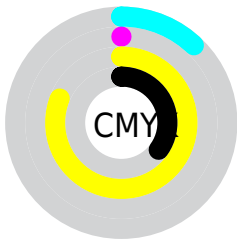
Distribution



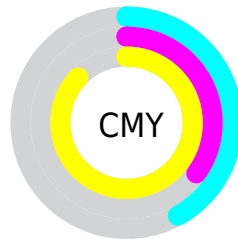
- Red (58%)
- Green (65%)
- Blue (13%)



- Red (13%)
- Yellow (65%)
- Blue (20%)



- Cyan (12%)
- Magenta (0%)
- Yellow (81%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A720 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 93A720 by changing the saturation by 10% instead.

 93A720

 93A720

FFFFFF

 778D00

 CCDE5A

 5C7300

 E9FB75

 425A00

 FFFF90

 274300

 FFFFAC

 0B2D00

 FFFFC9

 001A00

 FFFFE6

 000000

 93A720

 93A720

 91A70F

 95A731

■ 8EA700

■ 98A741

■ 9AA752

■ 9DA763

■ 9FA773

■ A2A784

■ A4A795

■ A7A7A6

■ A9A7B6

Harmonies

Analogous

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



CA951A



93A720



47B24F

Triad

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



93A720



00B5F8



FE66B1

Complementary

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



93A720



3420A7

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.



D37BE8



93A720



00A9FF

Square

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



93A720



00B9C6



7D95FF



FF6877

Rectangle

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



93A720



00B775



7D95FF



F46CC5

Sweetspot

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



93A720



D1D9A5



A73220



696E4E



EDEDED



6E6E6E

Same Dimension

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



93A720



BAD907



52A720



53544C



7E9400



111400

Inverse Universe

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



3420A7



2607D9



7620A7



4D4C54



160094



030014

Previews

White Background



This preview shows how the Hex color 93A720 looks on a white background.

Color Contrast Check

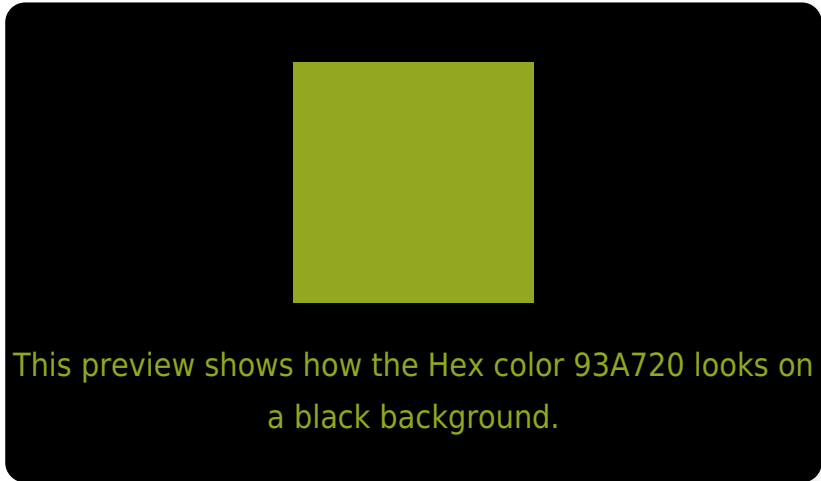
Large Text (above 18pt) WCAG AA × Fail

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 93A720 Background



This preview shows how black text looks on a background with the Hex color 93A720.

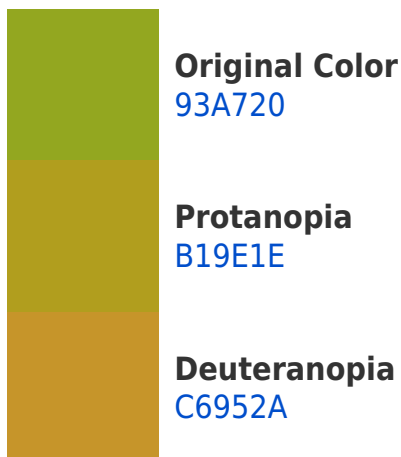



This preview shows how white text looks on a background with the Hex color 93A720.

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](#).

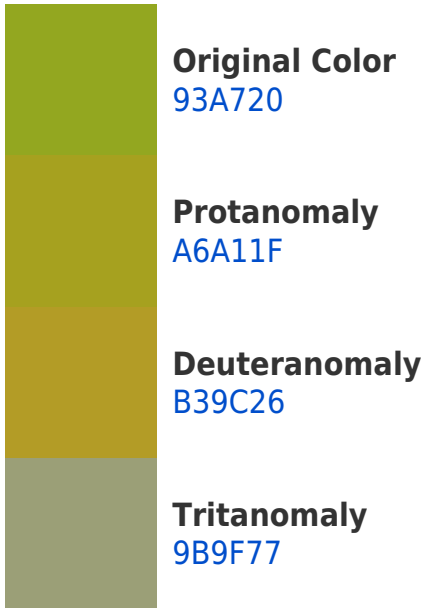
Dichromacy



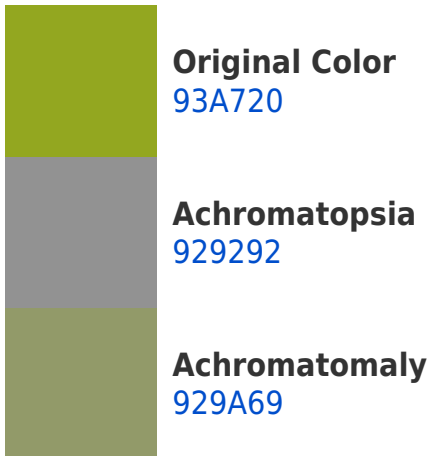


Tritanopia
9F9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93A720 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 #93A720 looks like.

```
.text, #text, p{  
    color:#93A720  
}
```

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 #93A720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A720
}
```

Border

The CSS property to change the border of an element to Hex 93A720 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
#93A720 }
```

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

```
.border{ border-color:#93A720 }
```

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

Here you see how a box with a 4 pixel #93A720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A720; -webkit-box-shadow:4px 4px  
4px 4px #93A720; box-shadow:4px 4px 4px  
4px #93A720 }
```

Background

The CSS property to change the background color of an element to Hex 93A720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A720 }
```

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

```
.background{ background-color:#93A720 }
```

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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