

Converting Colors

Hex(95A730)

Have a look what the booklet for
Hex(95A730) contains.

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Color

Hex(95A730)

Conversions

Conversions Part 1

Format	Color
Hex	95A730
RGB	149, 167, 48
RGB Percent	58%, 65%, 19%
CMY	0.4157, 0.3451, 0.8118
CMYK	0.11, 0.00, 0.71, 0.35
HSL	69°, 55%, 42%
HSV	69°, 71%, 65%
XYZ	26.7466, 34.2404, 7.9957
YIQ	148.0520, 27.4710, -40.8250

Conversions

Conversions Part 2

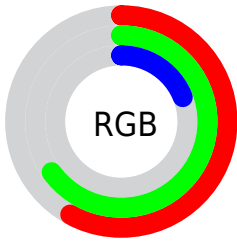
Format	Color
RYB	48, 167, 66
Decimal	9807664
CIELab	65.15, -22.14, 56.17
CIELCh	65, 60.375, 111.517
Yxy	34.2404, 0.3877, 0.4964
Android (android.graphics.Color)	4287997744 (0xFF95A730)
YUV	148.0520, -49.3256, 0.8314
Hunter-Lab	58.5153, -20.8115, 32.8592

Details

The Hex color **95A730** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4230A7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CEDE66**, and **5F7300** is the 20% darker color. If you saturate the color by 10%, you get **92A71F**, and if you desaturate by 10%, it is **98A741**.

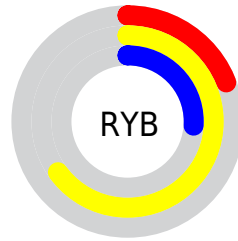
Distribution



Red (58%)

Green (65%)

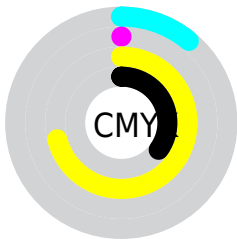
Blue (19%)



Red (19%)

Yellow (65%)

Blue (26%)

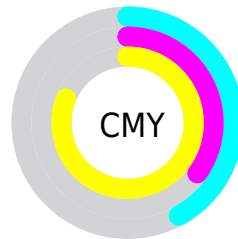


Cyan (11%)

Magenta (0%)

Yellow (71%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95A730 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 95A730 by changing the saturation by 10% instead.

 95A730

 95A730

FFFFFF

 7A8D10

 CEDE66

 5F7300

 EBFB81

 455B00

 FFFF9C

 2A4300

 FFFFB8

 0F2D00

 FFFFD4

 001B00

 FFFFF1

 000000

 95A730

 95A730

 92A71F

 98A741

■ 90A70F

■ 9AA751

■ 8EA700

■ 9DA762

■ 9FA773

■ A2A784

■ A4A794

■ A7A7A5

■ A9A7B6

■ ACA7C6

Harmonies

Analogous

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



C8962B



95A730



51B257

Triad

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



95A730



00B4F2



F86EB0

Complementary

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



95A730



4230A7

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.



D17FE2



95A730



00A9FF

Square

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



95A730



00B8C4



8496FF



FF6F7A

Rectangle

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



95A730



00B67A



8496FF



EF72C2

Sweetspot

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



95A730



D2D9AB



A74230



6A6E52



EDEDED



6E6E6E

Same Dimension

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



95A730



BDD91E



5AA730



53544C



7E9400



111400

Inverse Universe

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



4230A7



3B1ED9



7D30A7



4D4C54



160094



030014

Previews

White Background



This preview shows how the Hex color 95A730 looks on a white background.

Color Contrast Check

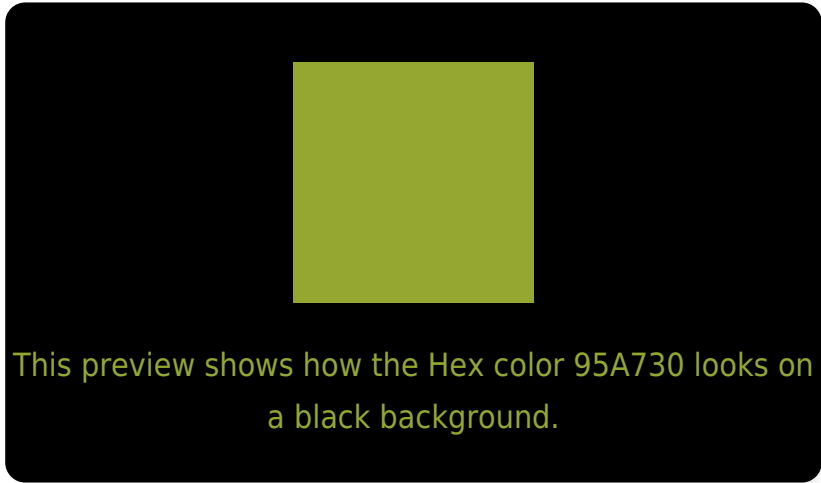
Large Text (above 18pt) WCAG AA × Fail

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 95A730 Background



This preview shows how black text looks on a background with the Hex color 95A730.



This preview shows how white text looks on a background with the Hex color 95A730.

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
95A730

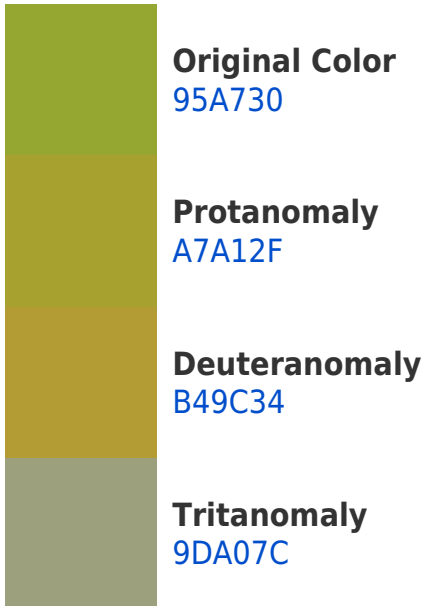
Protanopia
B19E2E

Deuteranopia
C59637

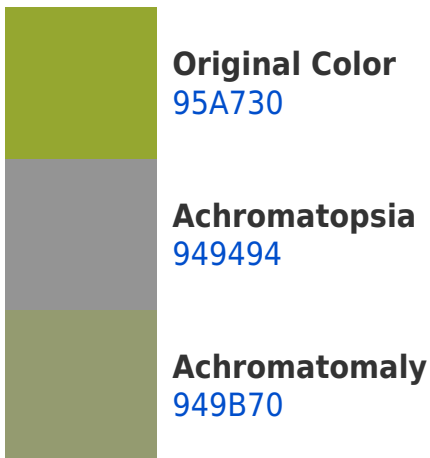


Tritanopia
A19CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95A730 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 #95A730 looks like.

```
.text, #text, p{  
    color:#95A730  
}
```

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 #95A730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95A730
}
```

Border

The CSS property to change the border of an element to Hex 95A730 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
#95A730 }
```

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

```
.border{ border-color:#95A730 }
```

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

Here you see how a box with a 4 pixel #95A730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95A730; -webkit-box-shadow:4px 4px  
4px 4px #95A730; box-shadow:4px 4px 4px  
4px #95A730 }
```

Background

The CSS property to change the background color of an element to Hex 95A730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95A730 }
```

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

```
.background{ background-color:#95A730 }
```

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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