

Converting Colors

Hex(93A531)

Have a look what the booklet for
Hex(93A531) contains.

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Color

Hex(93A531)

Conversions

Conversions Part 1

Format	Color
Hex	93A531
RGB	147, 165, 49
RGB Percent	58%, 65%, 19%
CMY	0.4235, 0.3529, 0.8078
CMYK	0.11, 0.00, 0.70, 0.35
HSL	69°, 54%, 42%
HSV	69°, 70%, 65%
XYZ	26.0421, 33.3351, 7.9675
YIQ	146.3940, 26.5080, -39.8920

Conversions

Conversions Part 2

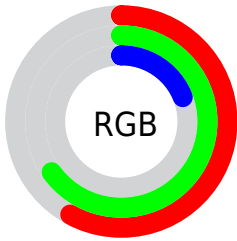
Format	Color
RYB	49, 165, 67
Decimal	9676081
CIELab	64.43, -21.94, 55.02
CIELCh	64, 59.233, 111.737
Yxy	33.3351, 0.3867, 0.4950
Android (android.graphics.Color)	4287866161 (0xFF93A531)
YUV	146.3940, -48.0152, 0.5315
Hunter-Lab	57.7365, -20.5263, 32.2337

Details

The Hex color **93A531** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4331A5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CCDC66**, and **5D7100** is the 20% darker color. If you saturate the color by 10%, you get **90A520**, and if you desaturate by 10%, it is **96A541**.

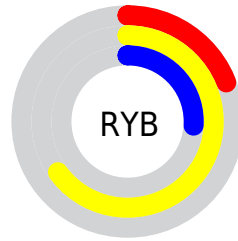
Distribution



Red (58%)

Green (65%)

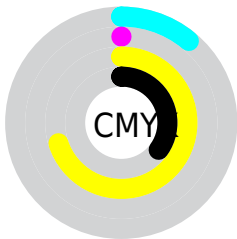
Blue (19%)



Red (19%)

Yellow (65%)

Blue (26%)

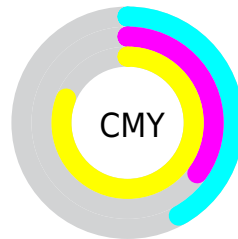


Cyan (11%)

Magenta (0%)

Yellow (70%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A531 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 93A531 by changing the saturation by 10% instead.



93A531



93A531

FFFFFF



788B12



CCDC66



5D7100



E9F881



435900



FFFF9D



294100



FFFFB8



0E2B00



FFFFD5



001800



FFFFF2



000000



93A531



93A531



90A520



96A541

■ 8EA510

■ 98A552

■ 8BA500

■ 9BA562

■ 9DA573

■ A0A583

■ A2A594

■ A5A5A4

■ A7A5B5

■ AAA5C5

Harmonies

Analogous

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



C5942C



93A531



51B057

Triad

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



93A531



00B1EE



F56DAD

Complementary

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



93A531



4331A5

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.



CE7EDE



93A531



00A6FF

Square

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



93A531



00B6C2



8394FF



FC6E78

Rectangle

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



93A531



00B479



8394FF



EC71BF

Sweetspot

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



93A531



CFD6A9



A54231



676B50



EBEBEB



6B6B6B

Same Dimension

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



93A531



BAD622



5AA531



505249



7B9100



0F1200

Inverse Universe

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



4331A5



3E22D6



7C31A5



4B4952



170091



030012

Previews

White Background



This preview shows how the Hex color 93A531 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 93A531 Background



This preview shows how black text looks on a background with the Hex color 93A531.



This preview shows how white text looks on a background with the Hex color 93A531.

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
93A531

Protanopia
AF9C2F

Deuteranopia
C39437



Tritanopia
9F9AA6

Trichromacy



Original Color
93A531

Protanomaly
A59F30

Deuteranomaly
B29A35

Tritanomaly
9B9E7B

Monochromacy



Original Color
93A531

Achromatopsia
929292

Achromatomaly
92996F

CSS Examples

Text

The CSS property to change the color of the text to Hex 93A531 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 #93A531 looks like.

```
.text, #text, p{  
    color:#93A531  
}
```

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 #93A531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A531
}
```

Border

The CSS property to change the border of an element to Hex 93A531 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
#93A531 }
```

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

```
.border{ border-color:#93A531 }
```

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

Here you see how a box with a 4 pixel #93A531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A531; -webkit-box-shadow:4px 4px  
4px 4px #93A531; box-shadow:4px 4px 4px  
4px #93A531 }
```

Background

The CSS property to change the background color of an element to Hex 93A531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A531 }
```

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

```
.background{ background-color:#93A531 }
```

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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