

Converting Colors

Hex(93D318)

Have a look what the booklet for
Hex(93D318) contains.

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Color

Hex(93D318)

Conversions

Conversions Part 1

Format	Color
Hex	93D318
RGB	147, 211, 24
RGB Percent	58%, 83%, 9%
CMY	0.4235, 0.1725, 0.9059
CMYK	0.30, 0.00, 0.89, 0.17
HSL	81°, 80%, 46%
HSV	81°, 89%, 83%
XYZ	35.4918, 52.8575, 9.1961
YIQ	170.5460, 21.8830, -71.7250

Conversions

Conversions Part 2

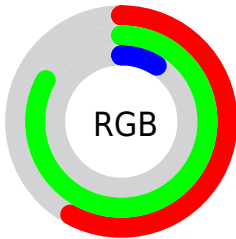
Format	Color
RYB	24, 211, 88
Decimal	9687832
CIELab	77.79, -44.22, 73.96
CIELCh	78, 86.169, 120.874
Yxy	52.8575, 0.3638, 0.5419
Android (android.graphics.Color)	4287877912 (0xFF93D318)
YUV	170.5460, -72.2472, -20.6498
Hunter-Lab	72.7032, -40.0916, 43.3928

Details

The Hex color **93D318** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5818D3**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CEFF5C**, and **599C00** is the 20% darker color. If you saturate the color by 10%, you get **8CD303**, and if you desaturate by 10%, it is **9AD32D**.

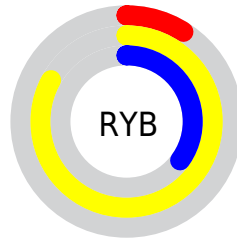
Distribution



Red (58%)

Green (83%)

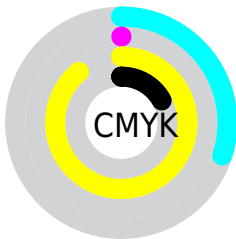
Blue (9%)



Red (9%)

Yellow (83%)

Blue (35%)

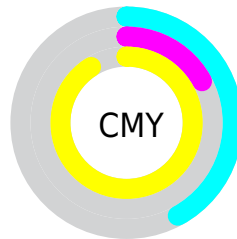


Cyan (30%)

Magenta (0%)

Yellow (89%)

Black (17%)



Cyan (42%)

Magenta (17%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93D318 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 93D318 by changing the saturation by 10% instead.

 93D318

 93D318

FFFFFF

 76B700

 CEFF5C

 599C00

 ECFF79

 3B8200

 FFFF96

 196800

 FFFFB3

 004F00

 FFFF00

 003700

 FFFFEE

 002200

 000000

 93D318

 93D318

■ 8CD303

■ 9AD32D

■ 8BD300

■ A1D342

■ A9D357

■ B0D36C

■ B7D382

■ BED397

■ C6D3AC

■ CDD3C1

■ D4D3D6

Harmonies

Analogous

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



E3BE00



93D318



00DF6D

Triad

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



93D318



00DCFF



FF6BC1

Complementary

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



93D318



5818D3

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.



FF83FF



93D318



00C9FF

Square

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



93D318



00E4FF



BFAAFF



FF7A73

Rectangle

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



93D318



00E3A4



BFAAFF



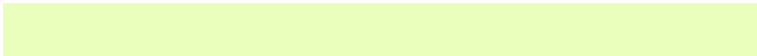
FF6FDC

Sweetspot

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



93D318



E7FFBA



D35618



728057



000000



808080

Same Dimension

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



93D318



A8FF00



37D318



65695E



6FA800



1B2900

Inverse Universe

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



5818D3



5700FF



B418D3



625E69



3A00A8



0E0029

Previews

White Background



This preview shows how the Hex color 93D318 looks on a white background.

Color Contrast Check

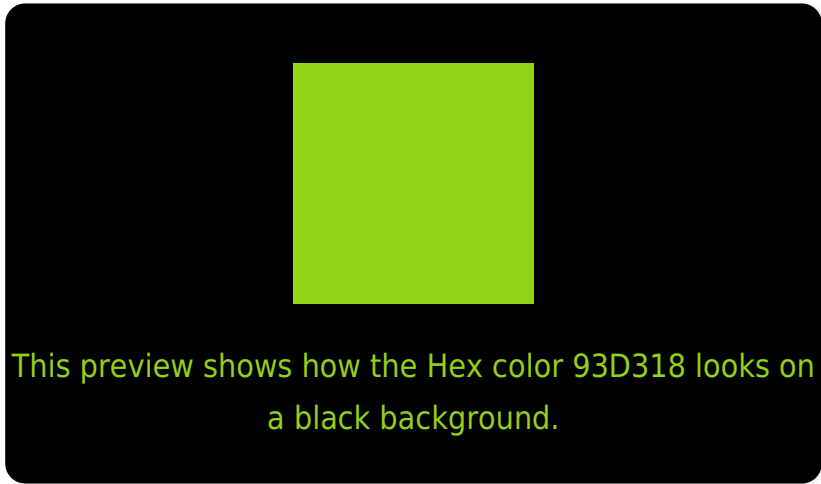
Large Text (above 18pt) WCAG AA × Fail

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 93D318 Background



This preview shows how black text looks on a background with the Hex color 93D318.

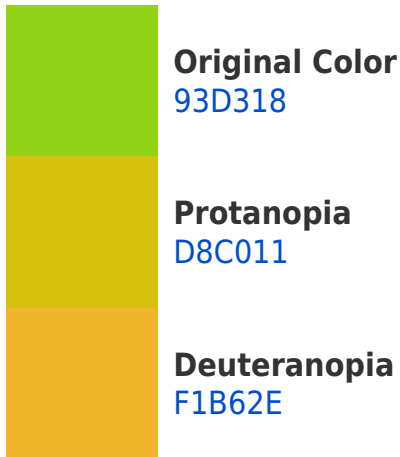


This preview shows how white text looks on a background with the Hex color 93D318.

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](#).

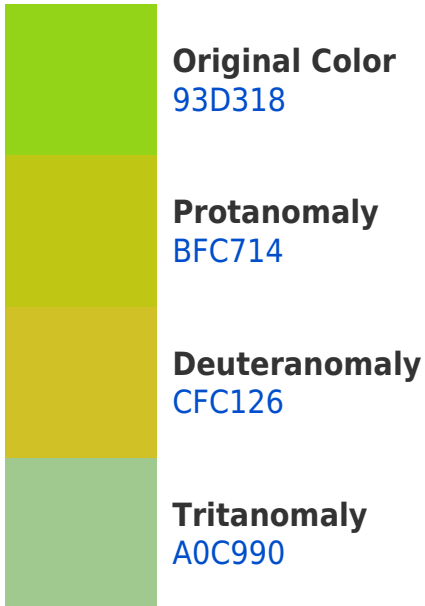
Dichromacy



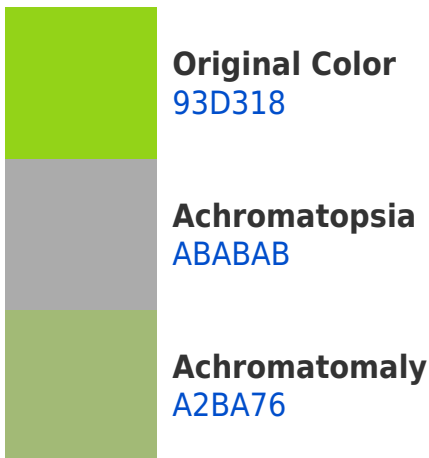


Tritanopia
A7C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93D318 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 #93D318 looks like.

```
.text, #text, p{  
    color:#93D318  
}
```

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 #93D318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93D318
}
```

Border

The CSS property to change the border of an element to Hex 93D318 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
#93D318 }
```

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

```
.border{ border-color:#93D318 }
```

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

Here you see how a box with a 4 pixel #93D318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93D318; -webkit-box-shadow:4px 4px  
4px 4px #93D318; box-shadow:4px 4px 4px  
4px #93D318 }
```

Background

The CSS property to change the background color of an element to Hex 93D318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93D318 }
```

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

```
.background{ background-color:#93D318 }
```

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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