

Converting Colors

Hex(93F410)

Have a look what the booklet for
Hex(93F410) contains.

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Color

Hex(93F410)

Conversions

Conversions Part 1

Format	Color
Hex	93F410
RGB	147, 244, 16
RGB Percent	58%, 96%, 6%
CMY	0.4235, 0.0431, 0.9373
CMYK	0.40, 0.00, 0.93, 0.04
HSL	86°, 91%, 51%
HSV	86°, 93%, 96%
XYZ	44.4768, 70.9418, 11.8392
YIQ	189.0050, 15.3760, -91.4720

Conversions

Conversions Part 2

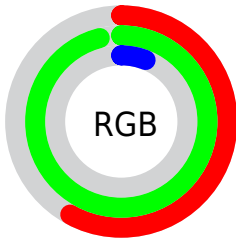
Format	Color
R_{YB}	16, 244, 113
Decimal	9696272
CIE Lab	87.46, -57.75, 82.91
CIE LCh	87, 101.045, 124.858
Yxy	70.9418, 0.3495, 0.5575
Android (android.graphics.Color)	4287886352 (0xFF93F410)
YUV	189.0050, -85.2915, -36.8384
Hunter-Lab	84.2270, -53.1386, 50.6249

Details

The Hex color **93F410** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **7110F4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D0FF5F**, and **55BB00** is the 20% darker color. If you saturate the color by 10%, you get **8CF400**, and if you desaturate by 10%, it is **9DF428**.

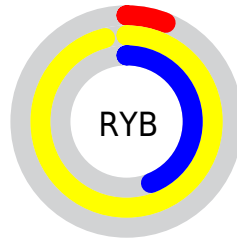
Distribution



Red (58%)

Green (96%)

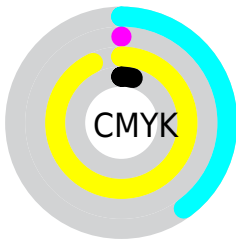
Blue (6%)



Red (6%)

Yellow (96%)

Blue (44%)

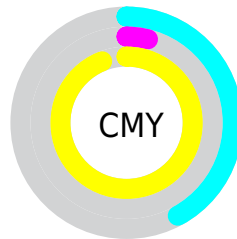


Cyan (40%)

Magenta (0%)

Yellow (93%)

Black (4%)



Cyan (42%)

Magenta (4%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93F410 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 93F410 by changing the saturation by 10% instead.

 93F410

 93F410

FFFFFF

 74D700

 D0FF5F

 55BB00

 EEEF7D

 329F00

 FFFF9B

 008500

 FFFFB9

 006B00

 FFFFD6

 005100

 FFFFF5

 003900

 002100

 000000

 93F410

 93F410

 8CF400

 9DF428

 A8F441

 B2F459

 BDF472

 C7F48A

 D1F4A2

 DCF4BB

 E6F4D3

 F0F4EC

Harmonies

Analogous

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



F8DC00



93F410



00FF84

Triad

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



93F410



00FAFF



FF6ED0

Complementary

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



93F410



7110F4

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.



FF89FF



93F410



00E2FF

Square

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



93F410



00FFFF



EDBAFF



FF8973

Rectangle

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



93F410



00FFC7



EDBAFF



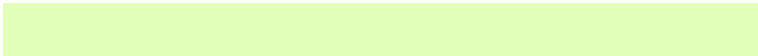
FF71F0

Sweetspot

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



93F410



E1FFB8



F46F10



6D8054



000000



808080

Same Dimension

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



93F410



93FF00



23F410



757A6E



6BBA00



223B00

Inverse Universe

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



7110F4



6C00FF



E110F4



736E7A



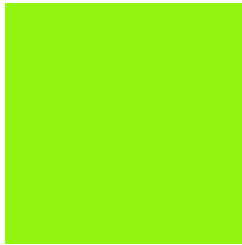
4F00BA



19003B

Previews

White Background



This preview shows how the Hex color 93F410 looks on a white background.

Color Contrast Check

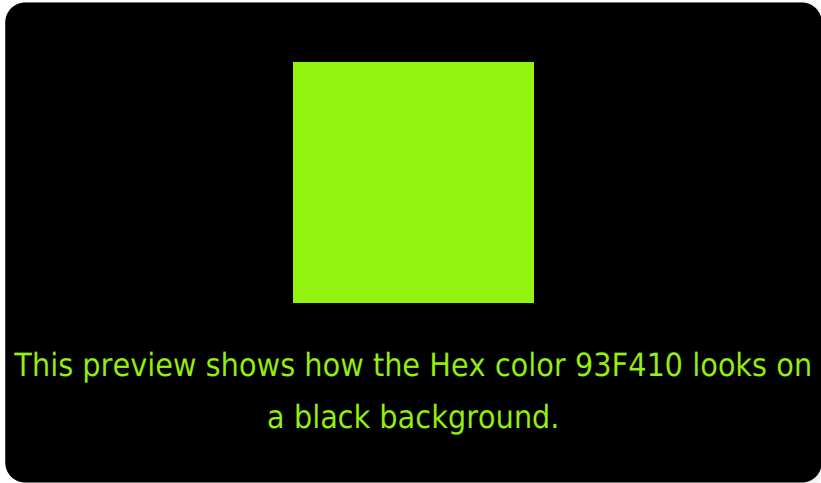
Large Text (above 18pt) WCAG AA × Fail

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 93F410 Background



This preview shows how black text looks on a background with the Hex color 93F410.

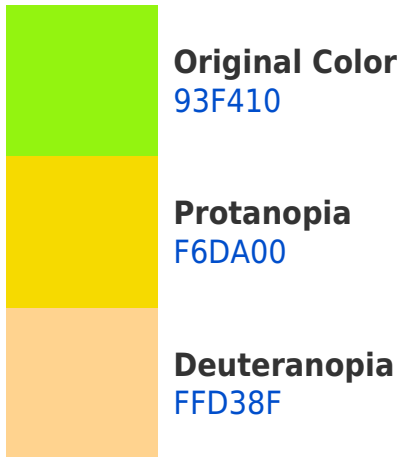


This preview shows how white text looks on a background with the Hex color 93F410.

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
AEE3F5

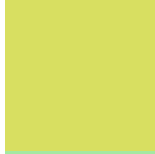
Trichromacy



Original Color
93F410



Protanomaly
D2E306



Deuteranomaly
D8DF61

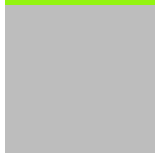


Tritanomaly
A4E9A2

Monochromacy



Original Color
93F410



Achromatopsia
BDBDBD



Achromatomaly
AED17E

CSS Examples

Text

The CSS property to change the color of the text to Hex 93F410 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 #93F410 looks like.

```
.text, #text, p{  
    color:#93F410  
}
```

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 #93F410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F410
}
```

Border

The CSS property to change the border of an element to Hex 93F410 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
#93F410 }
```

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

```
.border{ border-color:#93F410 }
```

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

Here you see how a box with a 4 pixel #93F410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F410; -webkit-box-shadow:4px 4px  
4px 4px #93F410; box-shadow:4px 4px 4px  
4px #93F410 }
```

Background

The CSS property to change the background color of an element to Hex 93F410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F410 }
```

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

```
.background{ background-color:#93F410 }
```

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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