

Converting Colors

Hex(93EC18)

Have a look what the booklet for
Hex(93EC18) contains.

Hex(93EC18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93EC18)

Conversions

Conversions Part 1

Format	Color
Hex	93EC18
RGB	147, 236, 24
RGB Percent	58%, 93%, 9%
CMY	0.4235, 0.0745, 0.9059
CMYK	0.38, 0.00, 0.90, 0.07
HSL	85°, 85%, 51%
HSV	85°, 90%, 93%
XYZ	42.1929, 66.2599, 11.4298
YIQ	185.2210, 15.0080, -84.8000

Conversions

Conversions Part 2

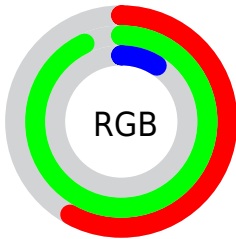
Format	Color
R_{YB}	24, 236, 113
Decimal	9694232
CIE _{Lab}	85.13, -54.48, 80.01
CIE _{LCh}	85, 96.800, 124.250
Yxy	66.2599, 0.3520, 0.5527
Android (android.graphics.Color)	4287884312 (0xFF93EC18)
YUV	185.2210, -79.4820, -33.5198
Hunter-Lab	81.4002, -49.9267, 48.6549

Details

The Hex color **93EC18** 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 **7118EC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CFFF61**, and **56B300** is the 20% darker color. If you saturate the color by 10%, you get **89EC00**, and if you desaturate by 10%, it is **9DEC30**.

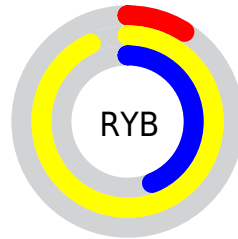
Distribution



Red (58%)

Green (93%)

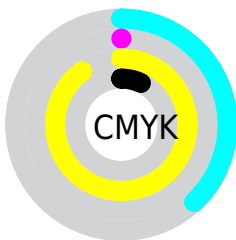
Blue (9%)



Red (9%)

Yellow (93%)

Blue (44%)

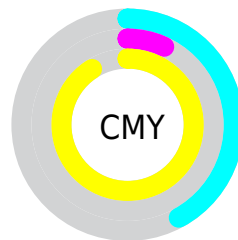


Cyan (38%)

Magenta (0%)

Yellow (90%)

Black (7%)



Cyan (42%)

Magenta (7%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93EC18 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 93EC18 by changing the saturation by 10% instead.

 93EC18

 93EC18

FFFFFF

 75CF00

 CFFF61

 56B300

 EDFF7E

 359800

 FFFF9C

 007E00

 FFFFB9

 006400

 FFFFD7

 004B00

 FFFFF5

 003300

 001B00

 000000

 93EC18

 93EC18

 89EC00

 9DEC30

 A7EC47

 B1EC5F

 BBEC76

 C5EC8E

 CEECA6

 D8ECBD

 E2ECD5

 ECECEC

Harmonies

Analogous

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



F2D500



93EC18



00F980

Triad

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



93EC18



00F3FF



FF6ECC

Complementary

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



93EC18



7118EC

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.



FF88FF



93EC18



00DCFF

Square

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



93EC18



00DFFF



E3B6FF



FF8773

Rectangle

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



93EC18



00FDBF



E3B6FF



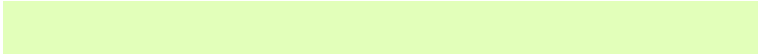
FF72EA

Sweetspot

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



93EC18



E2FFBA



EC7018



6E8057



000000



808080

Same Dimension

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



93EC18



94FF00



2AEC18



70756A



69B500



1F3600

Inverse Universe

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



7118EC



6B00FF



DA18EC



6E6A75



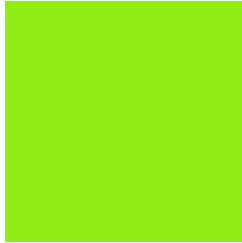
4C00B5



160036

Previews

White Background



This preview shows how the Hex color 93EC18 looks on a white background.

Color Contrast Check

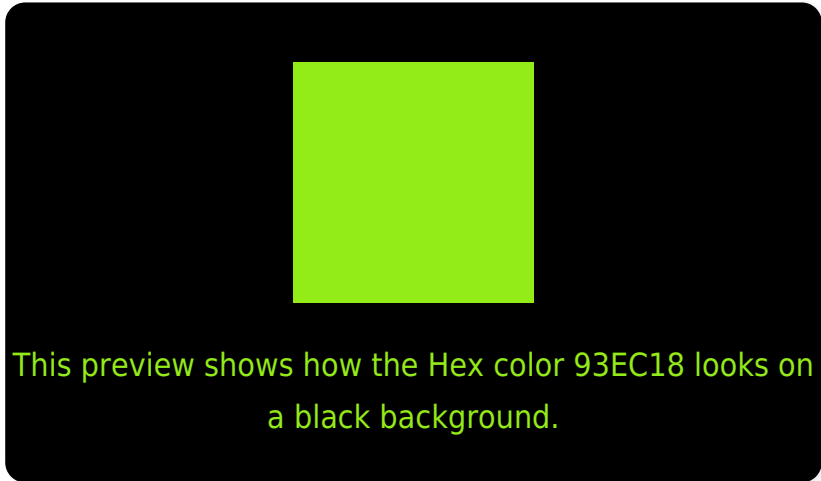
Large Text (above 18pt) WCAG AA × Fail

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

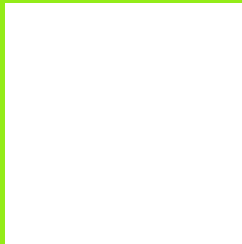
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 93EC18 Background



This preview shows how black text looks on a background with the Hex color 93EC18.



This preview shows how white text looks on a background with the Hex color 93EC18.

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
93EC18

Protanopia
EFD40D

Deuteranopia
FFCB72



Tritanopia
ACDBED

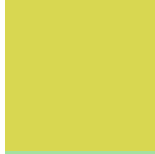
Trichromacy



Original Color
93EC18



Protanomaly
CEDD11



Deuteranomaly
D8D751

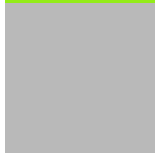


Tritanomaly
A3E1A0

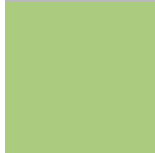
Monochromacy



Original Color
93EC18



Achromatopsia
B9B9B9



Achromatomaly
ABCC7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 93EC18 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 #93EC18 looks like.

```
.text, #text, p{  
    color:#93EC18  
}
```

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 #93EC18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93EC18
}
```

Border

The CSS property to change the border of an element to Hex 93EC18 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
#93EC18 }
```

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

```
.border{ border-color:#93EC18 }
```

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

Here you see how a box with a 4 pixel #93EC18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93EC18; -webkit-box-shadow:4px 4px  
4px 4px #93EC18; box-shadow:4px 4px 4px  
4px #93EC18 }
```

Background

The CSS property to change the background color of an element to Hex 93EC18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93EC18 }
```

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

```
.background{ background-color:#93EC18 }
```

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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