

Converting Colors

Hex(9FEA24)

Have a look what the booklet for
Hex(9FEA24) contains.

Hex(9FEA24)	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(9FEA24)

Conversions

Conversions Part 1

Format	Color
Hex	9FEA24
RGB	159, 234, 36
RGB Percent	62%, 92%, 14%
CMY	0.3765, 0.0824, 0.8588
CMYK	0.32, 0.00, 0.85, 0.08
HSL	83°, 82%, 53%
HSV	83°, 85%, 92%
XYZ	44.0393, 66.3439, 12.1536
YIQ	189.0030, 18.8580, -77.4780

Conversions

Conversions Part 2

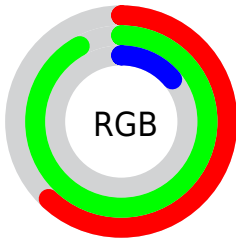
Format	Color
R_{YB}	36, 234, 111
Decimal	10480164
CIE _{Lab}	85.17, -49.18, 78.14
CIE _{LCh}	85, 92.326, 122.186
Yxy	66.3439, 0.3594, 0.5414
Android (android.graphics.Color)	4288670244 (0xFF9FEA24)
YUV	189.0030, -75.4305, -26.3126
Hunter-Lab	81.4518, -46.0293, 48.1695

Details

The Hex color **9FEA24** 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 **6F24EA**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **DBFF66**, and **64B200** is the 20% darker color. If you saturate the color by 10%, you get **96EA0D**, and if you desaturate by 10%, it is **A8EA3B**.

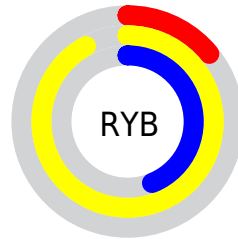
Distribution



Red (62%)

Green (92%)

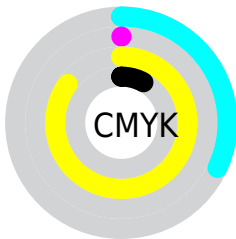
Blue (14%)



Red (14%)

Yellow (92%)

Blue (44%)

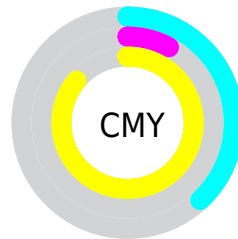


Cyan (32%)

Magenta (0%)

Yellow (85%)

Black (8%)



Cyan (38%)

Magenta (8%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FEA24 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 9FEA24 by changing the saturation by 10% instead.

 9FEA24

 9FEA24

FFFFFF

 82CE00

 DBFF66

 64B200

 F9FF84

 459700

 FFFFA1

 247C00

 FFFFBE

 006300

 FFFFDC

 004A00

 FFFFFA

 003300

 001B00


 000000

 9FEA24

 9FEA24

 96EA0D

 A8EA3B

 91EA00

 B1EA53

 BAEA6A

 C2EA82

 CBEA99

 D4EAB0

 DDEAC8

 E6EADF

 EFEAF7

Harmonies

Analogous

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



F8D300



9FEA24



00F77E

Triad

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



9FEA24



00F3FF



FF77D2

Complementary

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



9FEA24



6F24EA

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.



FF90FF



9FEA24



00DDFF

Square

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



9FEA24



00FCFF



DABAFF



FF8A7D

Rectangle

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



9FEA24



00FBBA



DABAFF



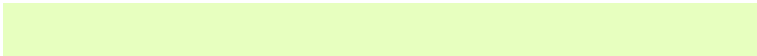
FF7BF0

Sweetspot

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



9FEA24



E7FFBF



EA6D24



718059



000000



808080

Same Dimension

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



9FEA24



9EFF00



3EEA24



71756A



70B500



213600

Inverse Universe

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



6F24EA



6100FF



D024EA



6E6A75



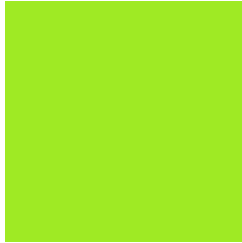
4500B5



140036

Previews

White Background



This preview shows how the Hex color 9FEA24 looks on a white background.

Color Contrast Check

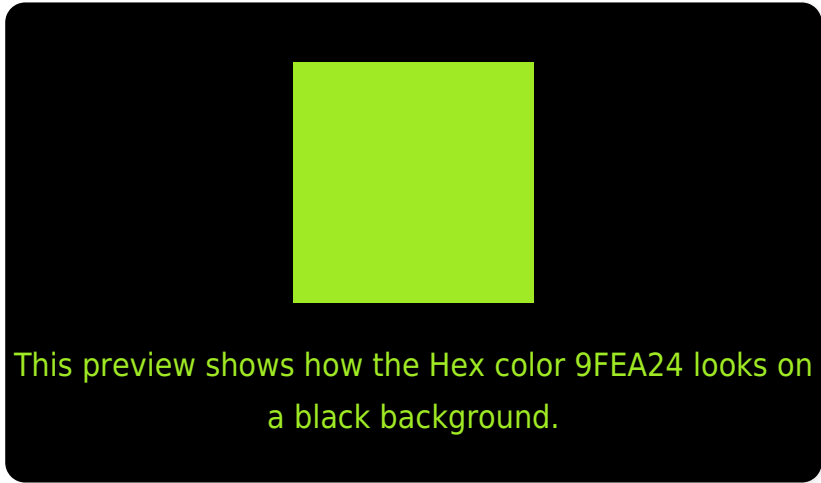
Large Text (above 18pt) WCAG AA × Fail

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 9FEA24 Background



This preview shows how black text looks on a background with the Hex color 9FEA24.

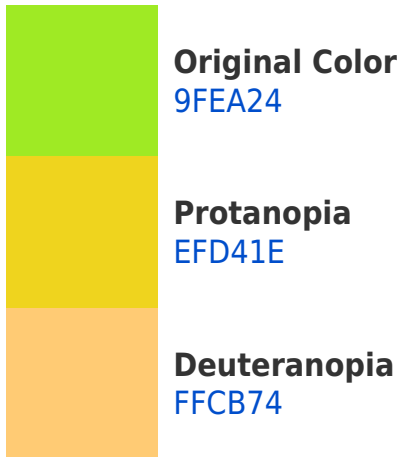


This preview shows how white text looks on a background with the Hex color 9FEA24.

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
B6DAEB

Trichromacy



Original Color
9FEA24



Protanomaly
D2DC20



Deuteranomaly
DCD657

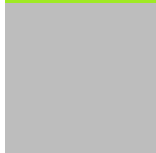


Tritanomaly
AEE0A3

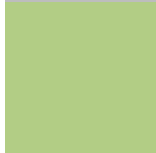
Monochromacy



Original Color
9FEA24



Achromatopsia
BDBDBD



Achromatomaly
B2CD85

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FEA24 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 #9FEA24 looks like.

```
.text, #text, p{  
    color:#9FEA24  
}
```

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 #9FEA24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FEA24
}
```

Border

The CSS property to change the border of an element to Hex 9FEA24 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
#9FEA24 }
```

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

```
.border{ border-color:#9FEA24 }
```

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

Here you see how a box with a 4 pixel #9FEA24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FEA24; -webkit-box-shadow:4px 4px  
4px 4px #9FEA24; box-shadow:4px 4px 4px  
4px #9FEA24 }
```

Background

The CSS property to change the background color of an element to Hex 9FEA24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FEA24 }
```

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

```
.background{ background-color:#9FEA24 }
```

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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