

Converting Colors

Hex(90F821)

Have a look what the booklet for
Hex(90F821) contains.

Hex(90F821)	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(90F821)

Conversions

Conversions Part 1

Format	Color
Hex	90F821
RGB	144, 248, 33
RGB Percent	56%, 97%, 13%
CMY	0.4353, 0.0275, 0.8706
CMYK	0.42, 0.00, 0.87, 0.03
HSL	89°, 94%, 55%
HSV	89°, 87%, 97%
XYZ	45.3435, 73.1739, 13.1730
YIQ	192.3940, 7.0310, -88.9130

Conversions

Conversions Part 2

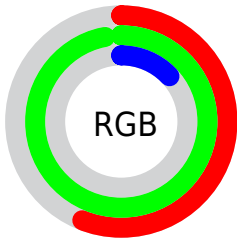
Format	Color
RYB	33, 248, 137
Decimal	9500705
CIELab	88.53, -59.88, 81.31
CIElCh	89, 100.976, 126.368
Yxy	73.1739, 0.3443, 0.5557
Android (android.graphics.Color)	4287690785 (0xFF90F821)
YUV	192.3940, -78.5812, -42.4415
Hunter-Lab	85.5417, -55.0797, 50.7489

Details

The Hex color **90F821** 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 **8921F8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CDFF67**, and **51BF00** is the 20% darker color. If you saturate the color by 10%, you get **84F808**, and if you desaturate by 10%, it is **9CF83A**.

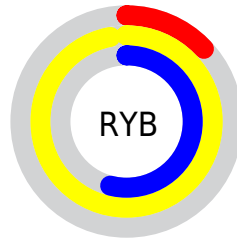
Distribution



Red (56%)

Green (97%)

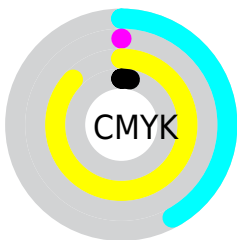
Blue (13%)



Red (13%)

Yellow (97%)

Blue (54%)

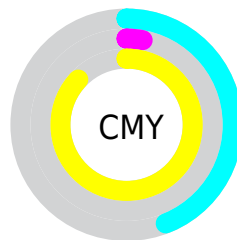


Cyan (42%)

Magenta (0%)

Yellow (87%)

Black (3%)



Cyan (44%)

Magenta (3%)

Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Hex color 90F821 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 90F821 by changing the saturation by 10% instead.

 90F821

 90F821

FFFFFF

 71DB00

 CDFF67

 51BF00

 ECFF85

 2CA300


 FFFFA2

 008800

 FFFF00

 006E00

 FFFFDD

 005400

FFFFFFC

 003C00

 002400

 000000

 90F821

 90F821

 84F808

 9CF83A

 80F800

 A8F853

 B4F86B

 C0F884

 CCF89D

 D8F8B6

 E4F8CF

 F0F8E7

 FCF8FF

Harmonies

Analogous

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



F7E100



90F821



00FF8C

Triad

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



90F821



00DFFF



FF72CE

Complementary

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



90F821



8921F8

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.



FF8AFF



90F821



00E3FF

Square

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



90F821



00FFFF



F8BAFF



FF8F71

Rectangle

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



90F821



00FFCF



F8BAFF



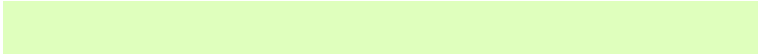
FF74EE

Sweetspot

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



90F821



DFFFBD



F88921



6C8058



000000



808080

Same Dimension

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



90F821



84FF00



25F821



777D70



61BD00



203D00

Inverse Universe

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



8921F8



7B00FF



F421F8



76707D



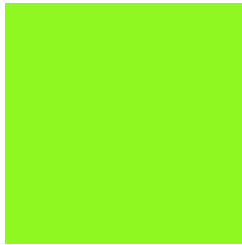
5B00BD



1E003D

Previews

White Background



This preview shows how the Hex color 90F821 looks on a white background.

Color Contrast Check

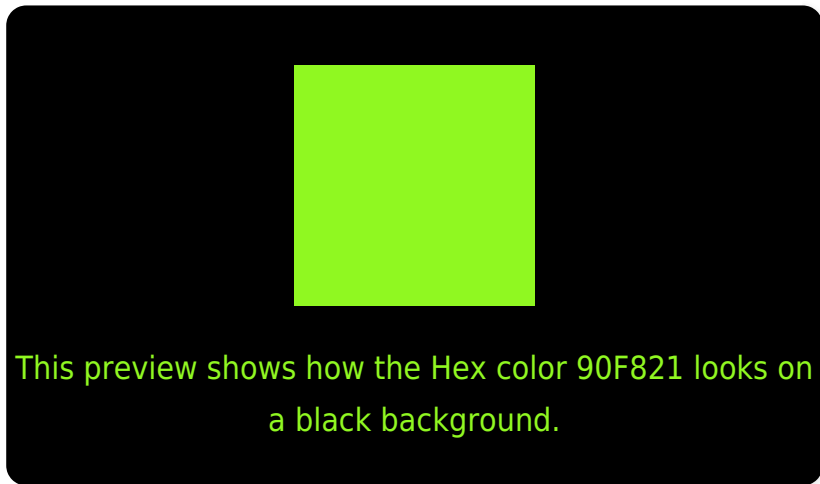
Large Text (above 18pt) WCAG AA × Fail

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 90F821 Background



This preview shows how black text looks on a background with the Hex color 90F821.

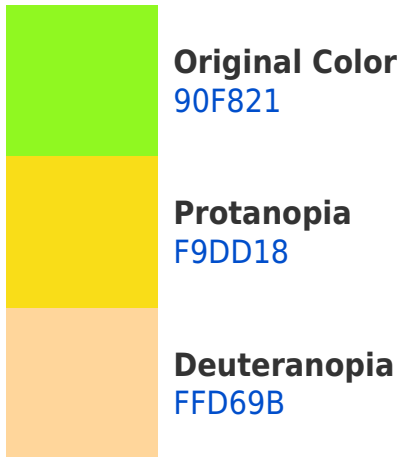


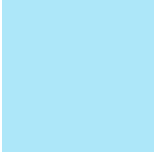
This preview shows how white text looks on a background with the Hex color 90F821.

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](#).

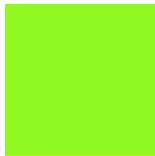
Dichromacy





Tritanopia
ADE7F9

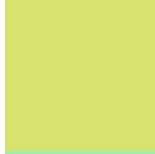
Trichromacy



Original Color
90F821



Protanomaly
D3E71B

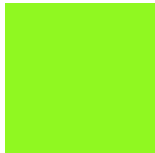


Deuteranomaly
D7E26F

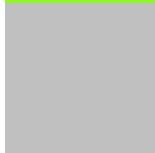


Tritanomaly
A2EDAA

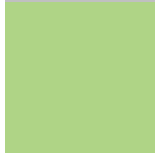
Monochromacy



Original Color
90F821



Achromatopsia
C0C0C0



Achromatomaly
AFD486

CSS Examples

Text

The CSS property to change the color of the text to Hex 90F821 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 #90F821 looks like.

```
.text, #text, p{  
    color:#90F821  
}
```

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 #90F821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90F821
}
```

Border

The CSS property to change the border of an element to Hex 90F821 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
#90F821 }
```

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

```
.border{ border-color:#90F821 }
```

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

Here you see how a box with a 4 pixel #90F821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90F821; -webkit-box-shadow:4px 4px  
4px 4px #90F821; box-shadow:4px 4px 4px  
4px #90F821 }
```

Background

The CSS property to change the background color of an element to Hex 90F821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90F821 }
```

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

```
.background{ background-color:#90F821 }
```

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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