

Converting Colors

Hex(90FF31)

Have a look what the booklet for
Hex(90FF31) contains.

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Color

Hex(90FF31)

Conversions

Conversions Part 1

Format	Color
Hex	90FF31
RGB	144, 255, 49
RGB Percent	56%, 100%, 19%
CMY	0.4353, 0.0000, 0.8078
CMYK	0.44, 0.00, 0.81, 0.00
HSL	92°, 100%, 60%
HSV	92°, 81%, 100%
XYZ	47.8160, 77.6710, 15.3776
YIQ	198.3270, -0.0300, -87.5980

Conversions

Conversions Part 2

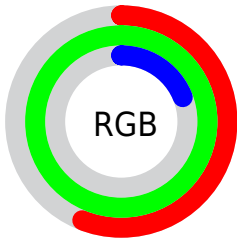
Format	Color
RYB	49, 255, 160
Decimal	9502513
CIELab	90.63, -61.95, 79.69
CIELCh	91, 100.936, 127.860
Yxy	77.6710, 0.3394, 0.5514
Android (android.graphics.Color)	4287692593 (0xFF90FF31)
YUV	198.3270, -73.6182, -47.6448
Hunter-Lab	88.1312, -57.3836, 51.3466

Details

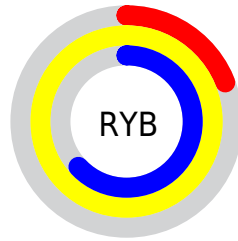
The Hex color **90FF31** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **A031FF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **CDFF71**, and **51C500** is the 20% darker color. If you saturate the color by 10%, you get **82FF18**, and if you desaturate by 10%, it is **9EFF4B**.

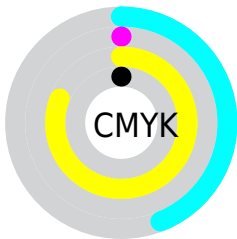
Distribution



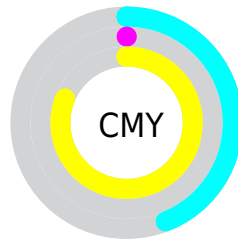
- Red (56%)
- Green (100%)
- Blue (19%)



- Red (19%)
- Yellow (100%)
- Blue (63%)



- Cyan (44%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90FF31 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 90FF31 by changing the saturation by 10% instead.

 90FF31

FFFFFF

 CDFF71

 ECFF8F

 FFFFAC

 FFFFCA


 FFFF E7

 90FF31

 71E200

 51C500

 2AA900

 008E00

 007400

 005A00

 004100

 002A00

 000400

 90FF31

 90FF31

 82FF18

 9EFF4B

 76FF00

 ABFF64

 B9FF7E

 C7FF97

 D5FFB1

 E2FFCA

 F0FFE4

FEFFFD

FFFFFF

Harmonies

Analogous

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



F9E800



90FF31



00FF97

Triad

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



90FF31



00FFFF



FF7ACF

Complementary

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



90FF31



A031FF

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.



FF8EFF



90FF31



00E8FF

Square

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



90FF31



00FFFF



FFBEFF



FF9772

Rectangle

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



90FF31



00FFDA



FFBEFF



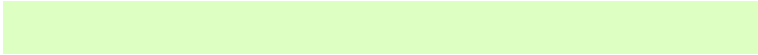
FF7BEF

Sweetspot

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



90FF31



DEFFC2



FF9F31



6C805B



000000



808080

Same Dimension

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



90FF31



7AFF08



31FF38



798073



58BF00



1D4000

Inverse Universe

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



A031FF



8D08FF



FF31F8



7A7380



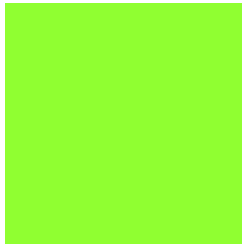
6700BF



220040

Previews

White Background



This preview shows how the Hex color 90FF31 looks on a white background.

Color Contrast Check

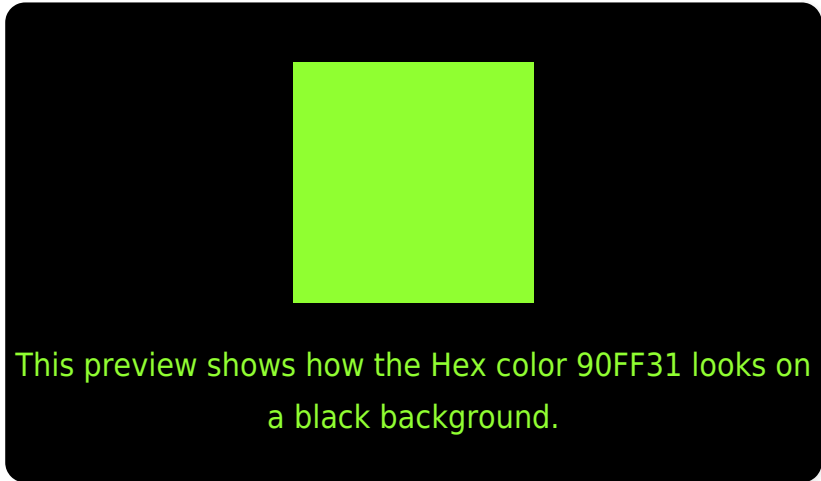
Large Text (above 18pt) WCAG AA × Fail

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 90FF31 Background



This preview shows how black text looks on a background with the Hex color 90FF31.

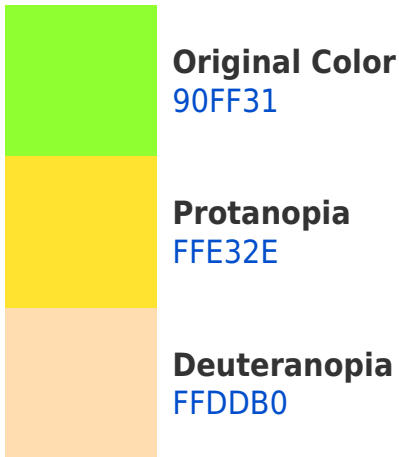


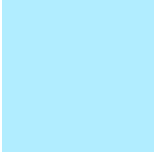
This preview shows how white text looks on a background with the Hex color 90FF31.

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](#).

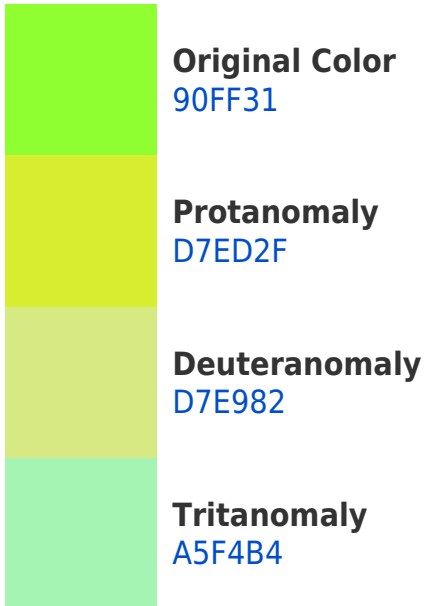
Dichromacy



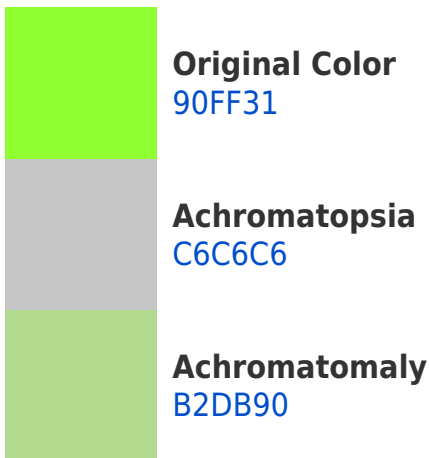


Tritanopia
B1EDFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90FF31 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 #90FF31 looks like.

```
.text, #text, p{  
    color:#90FF31  
}
```

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 #90FF31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90FF31
}
```

Border

The CSS property to change the border of an element to Hex 90FF31 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
#90FF31 }
```

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

```
.border{ border-color:#90FF31 }
```

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

Here you see how a box with a 4 pixel #90FF31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90FF31; -webkit-box-shadow:4px 4px  
4px 4px #90FF31; box-shadow:4px 4px 4px  
4px #90FF31 }
```

Background

The CSS property to change the background color of an element to Hex 90FF31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90FF31 }
```

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

```
.background{ background-color:#90FF31 }
```

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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