

Converting Colors

Hex(31FE24)

Have a look what the booklet for
Hex(31FE24) contains.

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Color

Hex(31FE24)

Conversions

Conversions Part 1

Format	Color
Hex	31FE24
RGB	49, 254, 36
RGB Percent	19%, 100%, 14%
CMY	0.8078, 0.0039, 0.8588
CMYK	0.81, 0.00, 0.86, 0.00
HSL	116°, 99%, 57%
HSV	116°, 86%, 100%
XYZ	37.0269, 71.6640, 13.5501
YIQ	167.8530, -52.2020, -111.2580

Conversions

Conversions Part 2

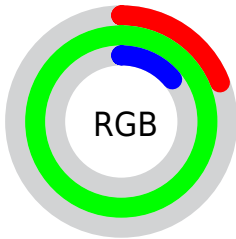
Format	Color
RYB	36, 254, 241
Decimal	3276324
CIELab	87.81, -82.27, 79.12
CIELCh	88, 114.146, 136.117
Yxy	71.6640, 0.3029, 0.5863
Android (android.graphics.Color)	4281466404 (0xFF31FE24)
YUV	167.8530, -65.0035, -104.2341
Hunter-Lab	84.6546, -70.0718, 49.7681

Details

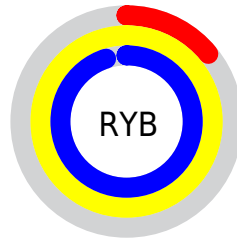
The Hex color **31FE24** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F124FE**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **85FF68**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **19FE0B**, and if you desaturate by 10%, it is **49FE3D**.

Distribution



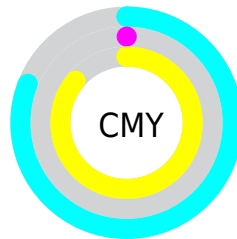
- Red (19%)
- Green (100%)
- Blue (14%)



- Red (14%)
- Yellow (100%)
- Blue (95%)



- Cyan (81%)
- Magenta (0%)
- Yellow (86%)
- Black (0%)



- Cyan (81%)
- Magenta (0%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31FE24 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 31FE24 by changing the saturation by 10% instead.

 31FE24

 31FE24

FFFFFF

 00E000

 85FF68

 00C400

 A6FF86

 00A700

 C7FFA4

 008B00

 E8FFC1


 007000

 FFFFDF

 005600

FFFFFFD

 003D00

 002200

 000000

 31FE24

 31FE24

 19FE0B

 49FE3D

 0FFE00

 61FE57

 79FE70

 91FE8A

 A8FEA3

 C0FEBC

 D8FED6

 F0FEEF

FFFEFF

Harmonies

Analogous

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



D2E900



31FE24



00FFA4

Triad

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



31FE24



00F8FF



FF54A7

Complementary

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



31FE24



F124FE

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.



FF5EFF



31FE24



00D6FF

Square

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



31FE24



00FFFF



FF9FFF



FF8F3C

Rectangle

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



31FE24



00FFF0



FF9FFF



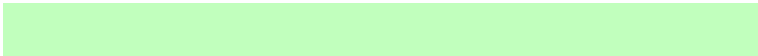
FF4BCB

Sweetspot

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



31FE24



C1FFBD



FEEF24



5A8058



000000



808080

Same Dimension

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



31FE24



0FFF00



24FE82



748073



0BBF00



044000

Inverse Universe

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



F124FE



F000FF



FE24A0



7F7380



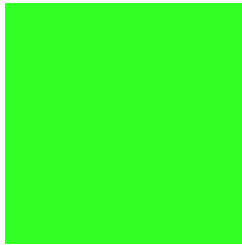
B400BF



3C0040

Previews

White Background



This preview shows how the Hex color 31FE24 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



This preview shows how the Hex color 31FE24 looks on a 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 31FE24 Background



This preview shows how black text looks on a background with the Hex color 31FE24.

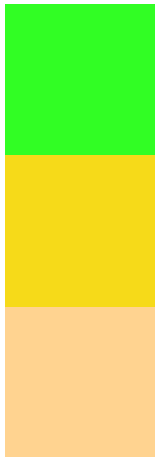


This preview shows how white text looks on a background with the Hex color 31FE24.

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](#).

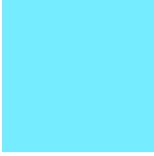
Dichromacy



Original Color
31FE24

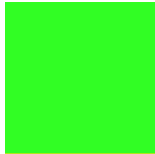
Protanopia
F6DA19

Deuteranopia
FFD390



Tritanopia
75ECFF

Trichromacy



Original Color
31FE24



Protanomaly
AEE71D

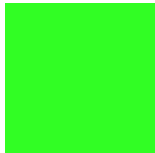


Deuteranomaly
B4E369



Tritanomaly
5CF3AF

Monochromacy



Original Color
31FE24



Achromatopsia
A8A8A8



Achromatomaly
7DC778

CSS Examples

Text

The CSS property to change the color of the text to Hex 31FE24 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 #31FE24 looks like.

```
.text, #text, p{  
    color:#31FE24  
}
```

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 #31FE24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31FE24
}
```

Border

The CSS property to change the border of an element to Hex 31FE24 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
#31FE24 }
```

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

```
.border{ border-color:#31FE24 }
```

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

Here you see how a box with a 4 pixel #31FE24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31FE24; -webkit-box-shadow:4px 4px  
4px 4px #31FE24; box-shadow:4px 4px 4px  
4px #31FE24 }
```

Background

The CSS property to change the background color of an element to Hex 31FE24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31FE24 }
```

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

```
.background{ background-color:#31FE24 }
```

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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