

Converting Colors

Hex(73FF31)

Have a look what the booklet for
Hex(73FF31) contains.

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Color

Hex(73FF31)

Conversions

Conversions Part 1

Format	Color
Hex	73FF31
RGB	115, 255, 49
RGB Percent	45%, 100%, 19%
CMY	0.5490, 0.0000, 0.8078
CMYK	0.55, 0.00, 0.81, 0.00
HSL	101°, 100%, 60%
HSV	101°, 81%, 100%
XYZ	43.3846, 75.3866, 15.1702
YIQ	189.6560, -17.3140, -93.7460

Conversions

Conversions Part 2

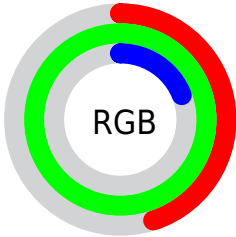
Format	Color
RYB	49, 255, 189
Decimal	7601969
CIELab	89.57, -70.08, 78.34
CIELCh	90, 105.113, 131.815
Yxy	75.3866, 0.3239, 0.5628
Android (android.graphics.Color)	4285792049 (0xFF73FF31)
YUV	189.6560, -69.3434, -65.4733
Hunter-Lab	86.8255, -62.7523, 50.4186

Details

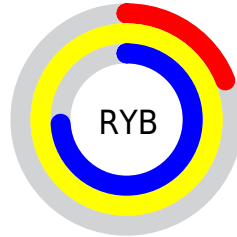
The Hex color **73FF31** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **BD31FF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B3FF71**, and **24C500** is the 20% darker color. If you saturate the color by 10%, you get **62FF18**, and if you desaturate by 10%, it is **84FF4B**.

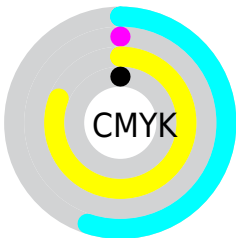
Distribution



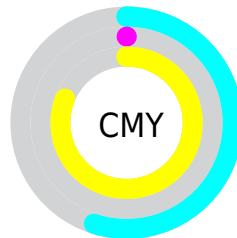
- Red (45%)
- Green (100%)
- Blue (19%)



- Red (19%)
- Yellow (100%)
- Blue (74%)



- Cyan (55%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73FF31 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 73FF31 by changing the saturation by 10% instead.

 73FF31

 73FF31

FFFFFF

 50E200

 B3FF71

 24C500

 D2FF8E

 00A900

 F1FFAC

 008D00

 FFFFC9

 007300

 FFFF E7

 005900

 004000

 002700

 000000

 73FF31

 73FF31

 62FF18

 84FF4B

 52FF00

 96FF64

 A7FF7E

 B8FF97

 CAFFB1

 DBFFCA

 ECFFE4

FEFFFD

FFFFFF

Harmonies

Analogous

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



E9E900



73FF31



00FF9E

Triad

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



73FF31



00DFF



FF6FBE

Complementary

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



73FF31



BD31FF

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.



FF7FFF



73FF31



00E0FF

Square

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



73FF31



00FFFF



FFB2FF



FF965E

Rectangle

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



73FF31



00FFE5



FFB2FF



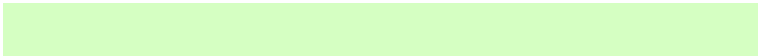
FF6DDF

Sweetspot

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



73FF31



D5FFC2



FFBA31



66805B



000000



808080

Same Dimension

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



73FF31



57FF08



31FF53



778073



3DBF00



144000

Inverse Universe

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



BD31FF



B008FF



FF31DD



7B7380



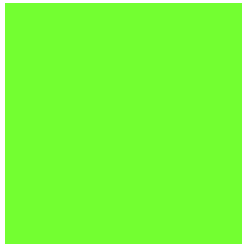
8200BF



2B0040

Previews

White Background



This preview shows how the Hex color 73FF31 looks on a white background.

Color Contrast Check

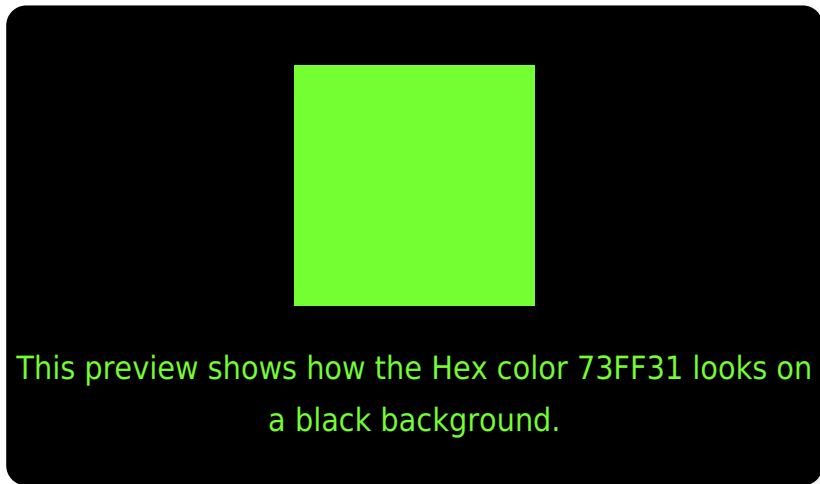
Large Text (above 18pt) WCAG AA × Fail

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

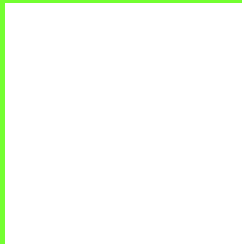
Any Text WCAG AAA ✓ Pass

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

Hex 73FF31 Background



This preview shows how black text looks on a background with the Hex color 73FF31.

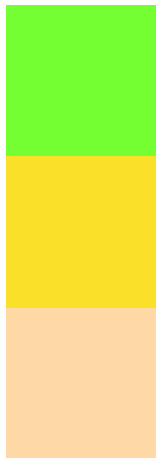


This preview shows how white text looks on a background with the Hex color 73FF31.

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](#).

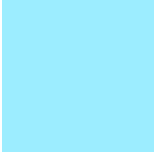
Dichromacy



Original Color
73FF31

Protanopia
FBE029

Deuteranopia
FFD9A5

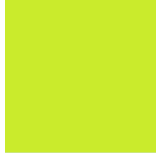


Tritanopia
9CEDFF

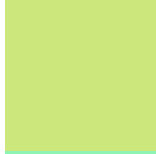
Trichromacy



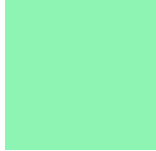
Original Color
73FF31



Protanomaly
CAEB2C

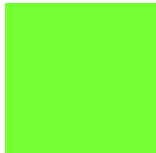


Deuteranomaly
CCE77B

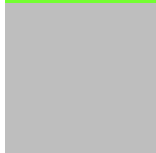


Tritanomaly
8DF4B4

Monochromacy



Original Color
73FF31



Achromatopsia
BEBEBE



Achromatomaly
A3D68B

CSS Examples

Text

The CSS property to change the color of the text to Hex 73FF31 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 #73FF31 looks like.

```
.text, #text, p{  
    color:#73FF31  
}
```

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 #73FF31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73FF31
}
```

Border

The CSS property to change the border of an element to Hex 73FF31 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
#73FF31 }
```

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

```
.border{ border-color:#73FF31 }
```

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

Here you see how a box with a 4 pixel #73FF31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73FF31; -webkit-box-shadow:4px 4px  
4px 4px #73FF31; box-shadow:4px 4px 4px  
4px #73FF31 }
```

Background

The CSS property to change the background color of an element to Hex 73FF31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73FF31 }
```

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

```
.background{ background-color:#73FF31 }
```

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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