

Converting Colors

Hex(31BE42)

Have a look what the booklet for
Hex(31BE42) contains.

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Color

Hex(31BE42)

Conversions

Conversions Part 1

Format	Color
Hex	31BE42
RGB	49, 190, 66
RGB Percent	19%, 75%, 26%
CMY	0.8078, 0.2549, 0.7412
CMYK	0.74, 0.00, 0.65, 0.25
HSL	127°, 59%, 47%
HSV	127°, 74%, 75%
XYZ	20.6634, 37.8732, 11.3754
YIQ	133.7050, -44.2320, -68.4560

Conversions

Conversions Part 2

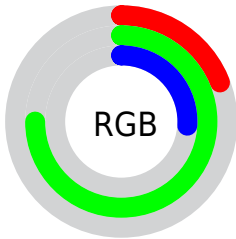
Format	Color
RYB	49, 175, 190
Decimal	3259970
CIELab	67.93, -61.11, 50.51
CIElCh	68, 79.277, 140.426
Yxy	37.8732, 0.2956, 0.5417
Android (android.graphics.Color)	4281450050 (0xFF31BE42)
YUV	133.7050, -33.3786, -74.2863
Hunter-Lab	61.5412, -47.7629, 32.1195

Details

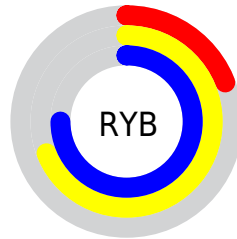
The Hex color **31BE42** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BE31AD**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **75F877**, and **008702** is the 20% darker color. If you saturate the color by 10%, you get **1EBE31**, and if you desaturate by 10%, it is **44BE53**.

Distribution



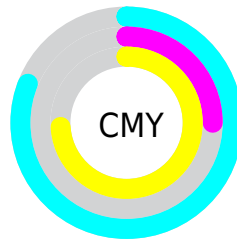
- Red (19%)
- Green (75%)
- Blue (26%)



- Red (19%)
- Yellow (69%)
- Blue (75%)



- Cyan (74%)
- Magenta (0%)
- Yellow (65%)
- Black (25%)



- Cyan (81%)
- Magenta (25%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31BE42 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 31BE42 by changing the saturation by 10% instead.

 31BE42

 31BE42

FFFFFF

 00A227

 75F877

 008702

 93FF92

 006D00

 B1FFAE

 005300


 CFFPCA

 003B00

 EDFFE6

 002300

 000000

 31BE42

 31BE42

 1EBE31

 44BE53

 0BBE21

 57BE63

 00BE17

 6ABE74

 7DBE85

 90BE96

 A3BEA6

 B6BEB7

 C9BEC8

 DCBED8

Harmonies

Analogous

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



98B100



31BE42



00C58B

Triad

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



31BE42



00B5FF



FF5D78

Complementary

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



31BE42



BE31AD

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.



FF5BC0



31BE42



6F9CFF

Square

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



31BE42



00C2FF



E47AFF



FF7B36

Rectangle

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



31BE42



00C6BD



E47AFF



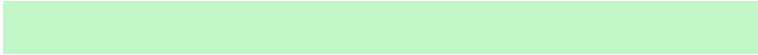
FF5890

Sweetspot

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



31BE42



C1F7C7



AEBE31



5C7D60



FCFCFC



7D7D7D

Same Dimension

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



31BE42



1BF736



31BE88



555E56



009E13



001F04

Inverse Universe

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



BE31AD



F71BDD



BE3167



5E555D



9E008B



1F001B

Previews

White Background



This preview shows how the Hex color 31BE42 looks on a white background.

Color Contrast Check

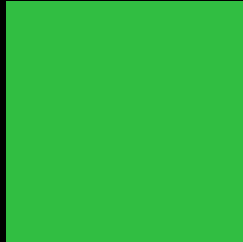
Large Text (above 18pt) WCAG AA × Fail

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 31BE42 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

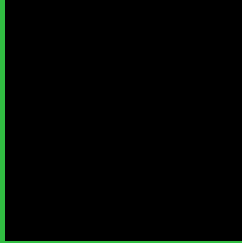
Any Text WCAG AA ✓ Pass

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 31BE42 Background



This preview shows how black text looks on a background with the Hex color 31BE42.



This preview shows how white text looks on a background with the Hex color 31BE42.

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](#).

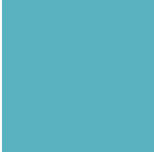
Dichromacy



Original Color
31BE42

Protanopia
B7A43B

Deuteranopia
CB9C4D



Tritanopia
59B2C0

Trichromacy



Original Color
31BE42



Protanomaly
86AD3E



Deuteranomaly
93A849



Tritanomaly
4AB692

Monochromacy



Original Color
31BE42



Achromatopsia
868686



Achromatomaly
679A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 31BE42 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 #31BE42 looks like.

```
.text, #text, p{  
    color:#31BE42  
}
```

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 #31BE42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31BE42
}
```

Border

The CSS property to change the border of an element to Hex 31BE42 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
#31BE42 }
```

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

```
.border{ border-color:#31BE42 }
```

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

Here you see how a box with a 4 pixel #31BE42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31BE42; -webkit-box-shadow:4px 4px  
4px 4px #31BE42; box-shadow:4px 4px 4px  
4px #31BE42 }
```

Background

The CSS property to change the background color of an element to Hex 31BE42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31BE42 }
```

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

```
.background{ background-color:#31BE42 }
```

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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