

Converting Colors

Hex(31B722)

Have a look what the booklet for
Hex(31B722) contains.

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Color

Hex(31B722)

Conversions

Conversions Part 1

Format	Color
Hex	31B722
RGB	49, 183, 34
RGB Percent	19%, 72%, 13%
CMY	0.8078, 0.2824, 0.8667
CMYK	0.73, 0.00, 0.81, 0.28
HSL	114°, 69%, 43%
HSV	114°, 81%, 72%
XYZ	18.4888, 34.6354, 7.2242
YIQ	125.9480, -32.0350, -74.7470

Conversions

Conversions Part 2

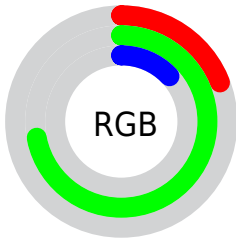
Format	Color
R _Y B	34, 183, 168
Decimal	3258146
CIE Lab	65.46, -61.43, 59.49
CIE LCh	65, 85.513, 135.920
Yxy	34.6354, 0.3064, 0.5739
Android (android.graphics.Color)	4281448226 (0xFF31B722)
YUV	125.9480, -45.3304, -67.4834
Hunter-Lab	58.8519, -46.9134, 33.9183

Details

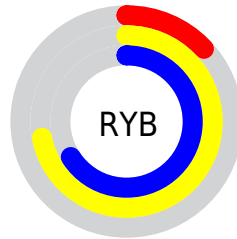
The Hex color **31B722** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A822B7**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **74F05C**, and **008000** is the 20% darker color. If you saturate the color by 10%, you get **21B710**, and if you desaturate by 10%, it is **41B734**.

Distribution



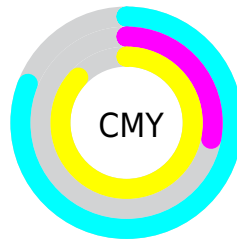
- Red (19%)
- Green (72%)
- Blue (13%)



- Red (13%)
- Yellow (72%)
- Blue (66%)



- Cyan (73%)
- Magenta (0%)
- Yellow (81%)
- Black (28%)




- Cyan (81%)
- Magenta (28%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31B722 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 31B722 by changing the saturation by 10% instead.

 31B722

 31B722

FFFFFF

 009B00

 74F05C

 008000

 93FF78

 006600

 B1FF93

 004D00

 CFFFAF

 003500

 EDFFC

 001C00

 FFFFE9

 000000

 31B722

 31B722

 21B710

 41B734

 12B700

 52B747

 62B759

 73B76B

 83B77E

 94B790

 A4B7A2

 B5B7B4

 C5B7C7

Harmonies

Analogous

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



9AA800



31B722



00BE77

Triad

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



31B722



00B2FF



FF457A

Complementary

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



31B722



A822B7

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.



FF4BC6



31B722



1F9AFF

Square

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



31B722



00BEFF



D475FF



FF6930

Rectangle

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



31B722



00C0AD



D475FF



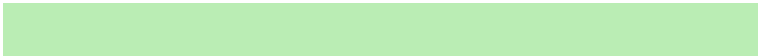
FF4093

Sweetspot

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



31B722



BAEDB4



B7A622



597855



F7F7F7



787878

Same Dimension

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



31B722



1CED05



22B75B



545C53



109C00



031C00

Inverse Universe

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



A822B7



D605ED



B7227E



5B535C



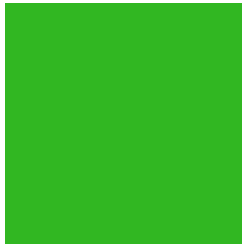
8C009C



19001C

Previews

White Background



This preview shows how the Hex color 31B722 looks on a white background.

Color Contrast Check

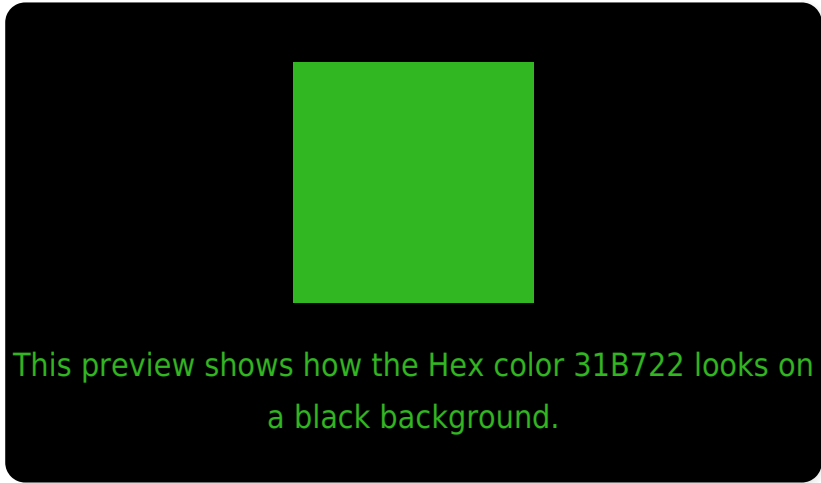
Large Text (above 18pt) WCAG AA × Fail

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 31B722 Background



This preview shows how black text looks on a background with the Hex color 31B722.

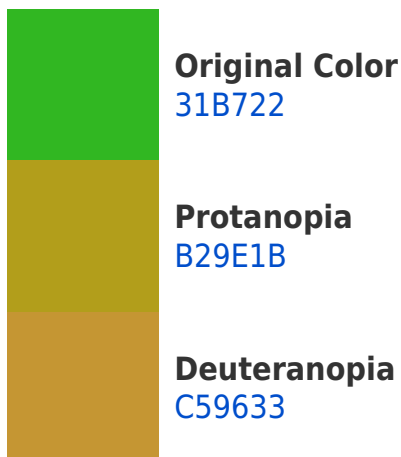


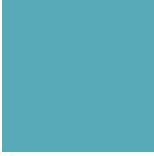
This preview shows how white text looks on a background with the Hex color 31B722.

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
58AAB8

Trichromacy



Original Color

31B722



Protanomaly

83A71E



Deuteranomaly

8FA22D



Tritanomaly

4AAF81

Monochromacy



Original Color

31B722



Achromatopsia

7E7E7E



Achromatomaly

62935D

CSS Examples

Text

The CSS property to change the color of the text to Hex 31B722 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 #31B722 looks like.

```
.text, #text, p{  
    color:#31B722  
}
```

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 #31B722 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31B722
}
```

Border

The CSS property to change the border of an element to Hex 31B722 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
#31B722 }
```

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

```
.border{ border-color:#31B722 }
```

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

Here you see how a box with a 4 pixel #31B722 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31B722; -webkit-box-shadow:4px 4px  
4px 4px #31B722; box-shadow:4px 4px 4px  
4px #31B722 }
```

Background

The CSS property to change the background color of an element to Hex 31B722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31B722 }
```

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

```
.background{ background-color:#31B722 }
```

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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