

Converting Colors

Hex(31B552)

Have a look what the booklet for
Hex(31B552) contains.

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Color

Hex(31B552)

Conversions

Conversions Part 1

Format	Color
Hex	31B552
RGB	49, 181, 82
RGB Percent	19%, 71%, 32%
CMY	0.8078, 0.2902, 0.6784
CMYK	0.73, 0.00, 0.55, 0.29
HSL	135°, 57%, 45%
HSV	135°, 73%, 71%
XYZ	19.3135, 34.3099, 13.5872
YIQ	130.2460, -46.8930, -58.7730

Conversions

Conversions Part 2

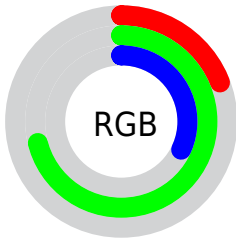
Format	Color
RYB	49, 155, 181
Decimal	3257682
CIELab	65.21, -56.08, 40.07
CIELCh	65, 68.925, 144.454
Yxy	34.3099, 0.2874, 0.5105
Android (android.graphics.Color)	4281447762 (0xFF31B552)
YUV	130.2460, -23.7853, -71.2527
Hunter-Lab	58.5747, -43.6499, 27.2491

Details

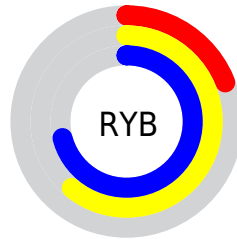
The Hex color **31B552** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B53194**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **72EE86**, and **007F20** is the 20% darker color. If you saturate the color by 10%, you get **1FB544**, and if you desaturate by 10%, it is **43B560**.

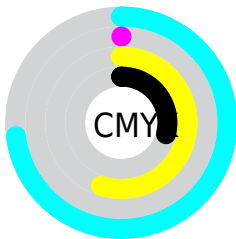
Distribution



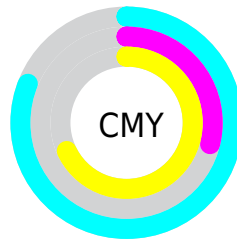
- Red (19%)
- Green (71%)
- Blue (32%)



- Red (19%)
- Yellow (61%)
- Blue (71%)



- Cyan (73%)
- Magenta (0%)
- Yellow (55%)
- Black (29%)




- Cyan (81%)
- Magenta (29%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31B552 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 31B552 by changing the saturation by 10% instead.

 31B552

 31B552

FFFFFF

 009939

 72EE86

 007F20

 90FFA1

 006502

 ADFFBC

 004B00


 CBFFD8

 003400

 E9FFF5

 001B00

 000000

 31B552

 31B552

 1FB544

 43B560

 0DB537

 55B56D

 00B52D

 67B57B

 79B588

 8CB596

 9EB5A3

 B0B5B1

 C2B5BF

 D4B5CC

Harmonies

Analogous

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



8BAA1A



31B552



00BA90

Triad

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



31B552



00A9FF



FF666F

Complementary

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



31B552



B53194

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.



FF62AC



31B552



8793FF

Square

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



31B552



00B6FF



DD77E7



F37E38

Rectangle

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



31B552



00BBBB



DD77E7



FF6183

Sweetspot

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



31B552



B7EBC4



94B531



57755E



F5F5F5



757575

Same Dimension

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



31B552



1CEB50



31B594



505953



009926



001A06

Inverse Universe

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



B53194



EB1CB7



B53152



595057



990073



1A0013

Previews

White Background



This preview shows how the Hex color 31B552 looks on a white background.

Color Contrast Check

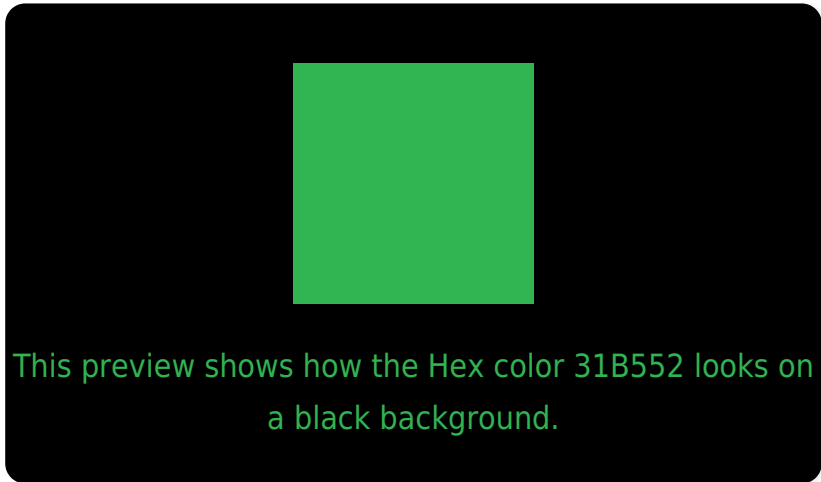
Large Text (above 18pt) WCAG AA × Fail

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

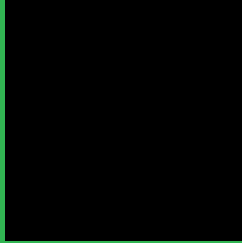
Any Text WCAG AA ✓ Pass

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 31B552 Background



This preview shows how black text looks on a background with the Hex color 31B552.

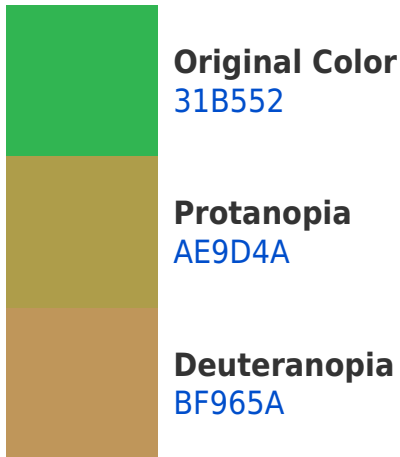


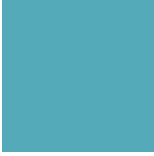
This preview shows how white text looks on a background with the Hex color 31B552.

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
54AAB8

Trichromacy



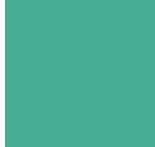
Original Color
31B552



Protanomaly
81A64D



Deuteranomaly
8BA157



Tritanomaly
47AE93

Monochromacy



Original Color
31B552



Achromatopsia
828282



Achromatomaly
659571

CSS Examples

Text

The CSS property to change the color of the text to Hex 31B552 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 #31B552 looks like.

```
.text, #text, p{  
    color:#31B552  
}
```

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 #31B552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31B552
}
```

Border

The CSS property to change the border of an element to Hex 31B552 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
#31B552 }
```

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

```
.border{ border-color:#31B552 }
```

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

Here you see how a box with a 4 pixel #31B552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31B552; -webkit-box-shadow:4px 4px  
4px 4px #31B552; box-shadow:4px 4px 4px  
4px #31B552 }
```

Background

The CSS property to change the background color of an element to Hex 31B552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31B552 }
```

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

```
.background{ background-color:#31B552 }
```

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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