

Converting Colors

Hex(31D35B)

Have a look what the booklet for
Hex(31D35B) contains.

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Color

Hex(31D35B)

Conversions

Conversions Part 1

Format	Color
Hex	31D35B
RGB	49, 211, 91
RGB Percent	19%, 83%, 36%
CMY	0.8078, 0.1725, 0.6431
CMYK	0.77, 0.00, 0.57, 0.17
HSL	136°, 65%, 51%
HSV	136°, 77%, 83%
XYZ	26.4492, 47.9968, 17.7678
YIQ	148.8820, -58.0320, -71.6640

Conversions

Conversions Part 2

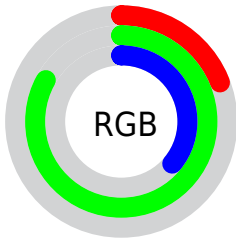
Format	Color
RYB	49, 178, 211
Decimal	3265371
CIELab	74.82, -65.04, 47.30
CIELCh	75, 80.424, 143.976
Yxy	47.9968, 0.2868, 0.5205
Android (android.graphics.Color)	4281455451 (0xFF31D35B)
YUV	148.8820, -28.5358, -87.5965
Hunter-Lab	69.2797, -53.0929, 33.2900

Details

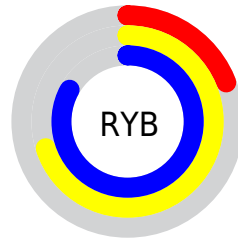
The Hex color **31D35B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted green. A complement of this color would be **D331A9**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **78FF90**, and **009B26** is the 20% darker color. If you saturate the color by 10%, you get **1CD34B**, and if you desaturate by 10%, it is **46D36B**.

Distribution



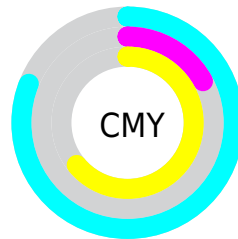
- Red (19%)
- Green (83%)
- Blue (36%)



- Red (19%)
- Yellow (70%)
- Blue (83%)



- Cyan (77%)
- Magenta (0%)
- Yellow (57%)
- Black (17%)



- Cyan (81%)
- Magenta (17%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31D35B 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 31D35B by changing the saturation by 10% instead.

 31D35B

 31D35B

FFFFFF

 00B741

 78FF90

 009B26

 98FFAC

 008004

 B6FFC8

 006500

 D5FFE4

 004C00


 F4FFFF

 003500

 001900

 000000

 31D35B

 31D35B

 1CD34B

 46D36B

 07D33C

 5BD37A

 00D337

 70D38A

 85D39A

 9BD3A9

 B0D3B9

 C5D3C8

 DAD3D8

 EFD3E8

Harmonies

Analogous

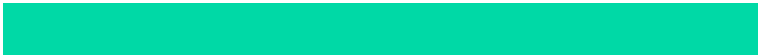
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2C60E



31D35B



00D9A6

Triad

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



31D35B



00C5FF



FF7381

Complementary

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



31D35B



D331A9

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.



FF6DCA



31D35B



98ABFF

Square

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



31D35B



00D4FF



FF88FF



FF913E

Rectangle

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



31D35B



00DADA



FF88FF



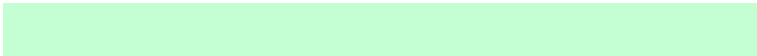
FF6D99

Sweetspot

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



31D35B



C4FFD4



ABD331



5C8065



000000



808080

Same Dimension

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



31D35B



14FF51



31D3AB



5E6961



00A82C



00290B

Inverse Universe

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



D331A9



FF14C2



D3315A



695E66



A8007D



29001E

Previews

White Background



This preview shows how the Hex color 31D35B 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 31D35B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

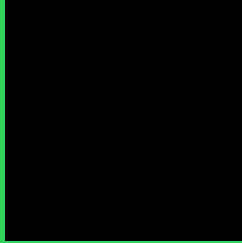
Any Text WCAG AA ✓ Pass

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 31D35B Background



This preview shows how black text looks on a background with the Hex color 31D35B.

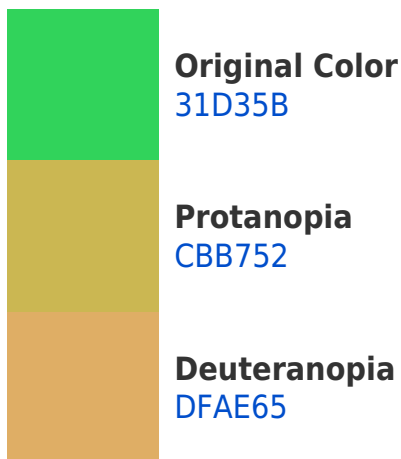


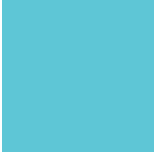
This preview shows how white text looks on a background with the Hex color 31D35B.

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](#).

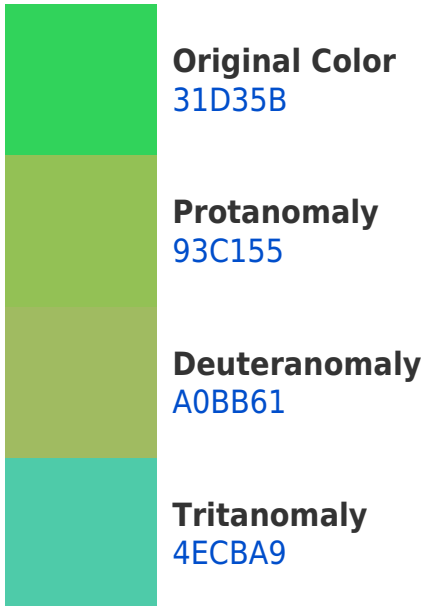
Dichromacy



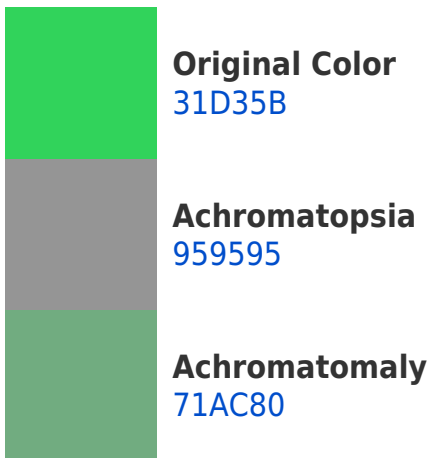


Tritanopia
5EC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31D35B 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 #31D35B looks like.

```
.text, #text, p{  
    color:#31D35B  
}
```

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 #31D35B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31D35B
}
```

Border

The CSS property to change the border of an element to Hex 31D35B 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
#31D35B }
```

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

```
.border{ border-color:#31D35B }
```

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

Here you see how a box with a 4 pixel #31D35B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31D35B; -webkit-box-shadow:4px 4px  
4px 4px #31D35B; box-shadow:4px 4px 4px  
4px #31D35B }
```

Background

The CSS property to change the background color of an element to Hex 31D35B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31D35B }
```

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

```
.background{ background-color:#31D35B }
```

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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