

Converting Colors

Hex(31D4B5)

Have a look what the booklet for
Hex(31D4B5) contains.

Hex(31D4B5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(31D4B5)

Conversions

Conversions Part 1

Format	Color
Hex	31D4B5
RGB	49, 212, 181
RGB Percent	19%, 83%, 71%
CMY	0.8078, 0.1686, 0.2902
CMYK	0.77, 0.00, 0.15, 0.17
HSL	169°, 65%, 51%
HSV	169°, 77%, 83%
XYZ	33.1506, 51.0761, 51.8275
YIQ	159.7290, -87.1970, -44.1970

Conversions

Conversions Part 2

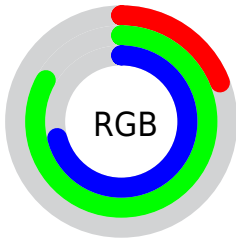
Format	Color
RYB	49, 139, 212
Decimal	3265717
CIELab	76.73, -47.72, 3.71
CIELCh	77, 47.866, 175.551
Yxy	51.0761, 0.2437, 0.3754
Android (android.graphics.Color)	4281455797 (0xFF31D4B5)
YUV	159.7290, 10.4866, -97.1093
Hunter-Lab	71.4676, -42.2701, 7.0308

Details

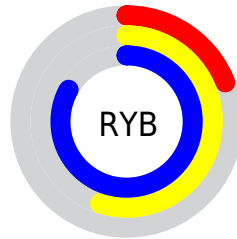
The Hex color **31D4B5** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D43150**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **79FFED**, and **009C80** is the 20% darker color. If you saturate the color by 10%, you get **1CD4B1**, and if you desaturate by 10%, it is **46D4B9**.

Distribution



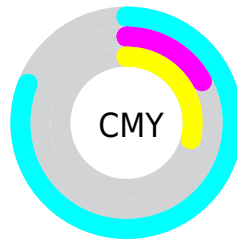
- Red (19%)
- Green (83%)
- Blue (71%)



- Red (19%)
- Yellow (55%)
- Blue (83%)



- Cyan (77%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)



- Cyan (81%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31D4B5 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 31D4B5 by changing the saturation by 10% instead.

 31D4B5

 31D4B5

FFFFFF

 00B89A


 79FFED

 009C80

 99FFFF

 008267

 B7FFFF

 00684F

 D6FFFF

 004E38


 F5FFFF

 003623

 00200E

 000000

 31D4B5

 31D4B5

■ 1CD4B1

■ 46D4B9

■ 07D4AD

■ 5BD4BD

■ 00D4AC

■ 71D4C1

■ 86D4C5

■ 9BD4C9

■ B0D4CD

■ C5D4D1

■ DBD4D5

■ F0D4D9

Harmonies

Analogous

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



7ECF8A



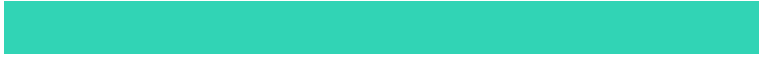
31D4B5



00D4E2

Triad

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



31D4B5



B8B4FF



FFA976

Complementary

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



31D4B5



D43150

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.



FF9C99



31D4B5



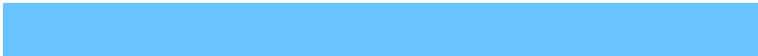
EEA4F0

Square

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



31D4B5



68C4FF



FF9AC6



DFB964

Rectangle

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



31D4B5



00D1FB



FF9AC6



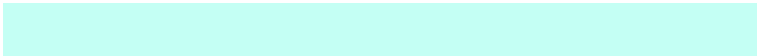
FFA480

Sweetspot

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



31D4B5



C4FFF4



52D431



5C8079



000000



808080

Same Dimension

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



31D4B5



14FFD2



31A3D4



606B69



00AB8A



002B23

Inverse Universe

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



D43150



FF1441



D46231



6B6062



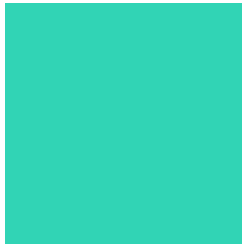
AB0020



2B0008

Previews

White Background



This preview shows how the Hex color 31D4B5 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 31D4B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

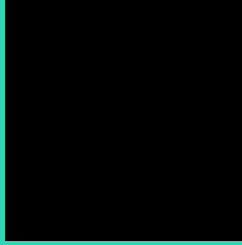
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

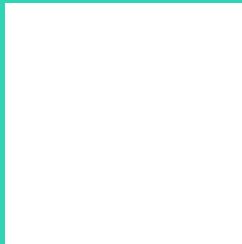
Any Text WCAG AAA ✓ Pass

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

Hex 31D4B5 Background



This preview shows how black text looks on a background with the Hex color 31D4B5.



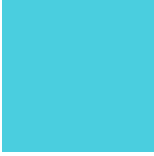
This preview shows how white text looks on a background with the Hex color 31D4B5.

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



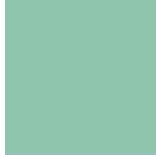


Tritanopia
4ACEDF

Trichromacy



Original Color
31D4B5



Protanomaly
8FC4AD



Deuteranomaly
95C1B9



Tritanomaly
41D0D0

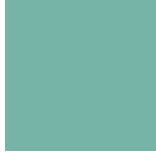
Monochromacy



Original Color
31D4B5



Achromatopsia
A0A0A0



Achromatomaly
78B3A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 31D4B5 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 #31D4B5 looks like.

```
.text, #text, p{  
    color:#31D4B5  
}
```

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 #31D4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31D4B5
}
```

Border

The CSS property to change the border of an element to Hex 31D4B5 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
#31D4B5 }
```

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

```
.border{ border-color:#31D4B5 }
```

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

Here you see how a box with a 4 pixel #31D4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31D4B5; -webkit-box-shadow:4px 4px  
4px 4px #31D4B5; box-shadow:4px 4px 4px  
4px #31D4B5 }
```

Background

The CSS property to change the background color of an element to Hex 31D4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31D4B5 }
```

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

```
.background{ background-color:#31D4B5 }
```

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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