

Converting Colors

Hex(31DEF1)

Have a look what the booklet for
Hex(31DEF1) contains.

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Color

Hex(31DEF1)

Conversions

Conversions Part 1

Format	Color
Hex	31DEF1
RGB	49, 222, 241
RGB Percent	19%, 87%, 95%
CMY	0.8078, 0.1294, 0.0549
CMYK	0.80, 0.08, 0.00, 0.05
HSL	186°, 87%, 57%
HSV	186°, 80%, 95%
XYZ	43.2651, 59.2464, 92.3745
YIQ	172.4390, -109.2070, -30.7670

Conversions

Conversions Part 2

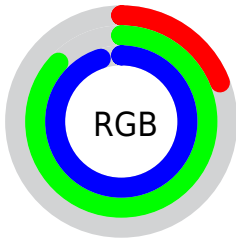
Format	Color
R _Y B	49, 140, 241
Decimal	3268337
CIE Lab	81.43, -35.32, -21.36
CIE LCh	81, 41.274, 211.160
Yxy	59.2464, 0.2220, 0.3040
Android (android.graphics.Color)	4281458417 (0xFF31DEF1)
YUV	172.4390, 33.8006, -108.2560
Hunter-Lab	76.9717, -34.3672, -17.2743

Details

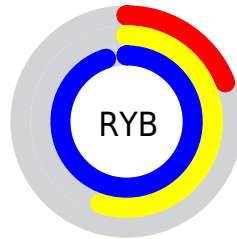
The Hex color **31DEF1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F14431**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **80FFFF**, and **00A6B9** is the 20% darker color. If you saturate the color by 10%, you get **19DCF1**, and if you desaturate by 10%, it is **49E0F1**.

Distribution



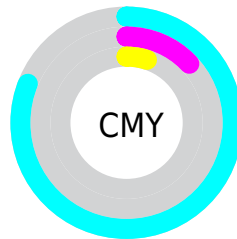
- Red (19%)
- Green (87%)
- Blue (95%)



- Red (19%)
- Yellow (55%)
- Blue (95%)



- Cyan (80%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (81%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31DEF1 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 31DEF1 by changing the saturation by 10% instead.

 31DEF1

FFFFFF

 80FFFF

 A1FFFF

 C1FFFF

 E1FFFF

 31DEF1

 00C2D5

 00A6B9

 008C9E


 007284


 00596B

 004052

 002A3B

 000C26

 00010F

 31DEF1

 31DEF1

 19DCF1

 49E0F1

 01D9F1

 61E3F1

 00D9F1

 79E5F1

 91E8F1

 A9EAF1

 C2ECF1

 DAEFF1

 F2F1F1

 FFF3F1

Harmonies

Analogous

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



59DFCB



31DEF1



54D8FF

Triad

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



31DEF1



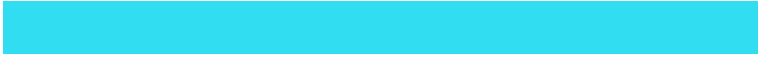
FCB3F0



E3C87C

Complementary

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



31DEF1



F14431

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.



FFBB88



31DEF1



FFACCA

Square

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



31DEF1



D1C0FF



FFB0A4



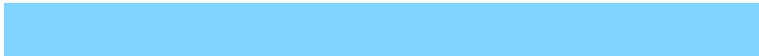
BAD487

Rectangle

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



31DEF1



80D2FF



FFB0A4



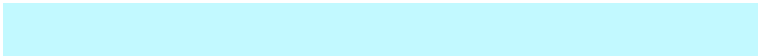
EEC47E

Sweetspot

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



31DEF1



C2F9FF



31F141



5B7C80



000000



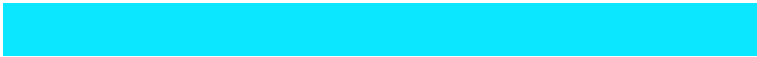
808080

Same Dimension

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



31DEF1



0AE7FF



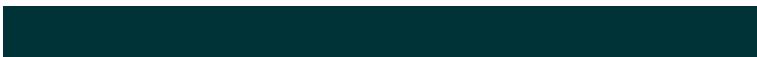
3181F1



6C7778



00A5B8



003338

Inverse Universe

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



F131DE



FF0AE7



F1A131



786C77



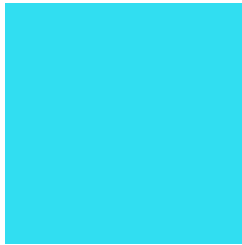
B800A5



380033

Previews

White Background



This preview shows how the Hex color 31DEF1 looks on a white background.

Color Contrast Check

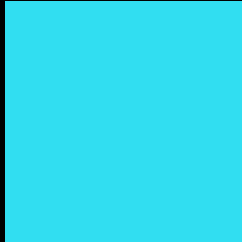
Large Text (above 18pt) WCAG AA × Fail

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 31DEF1 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 31DEF1 Background



This preview shows how black text looks on a background with the Hex color 31DEF1.

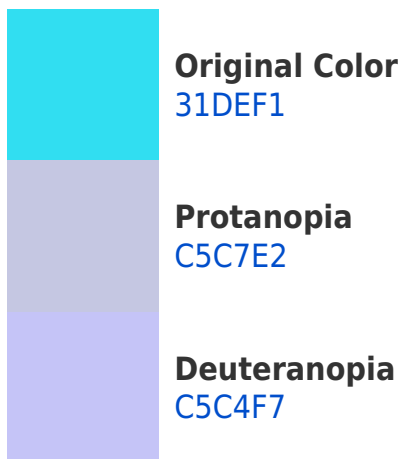


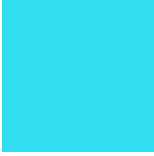
This preview shows how white text looks on a background with the Hex color 31DEF1.

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](#).

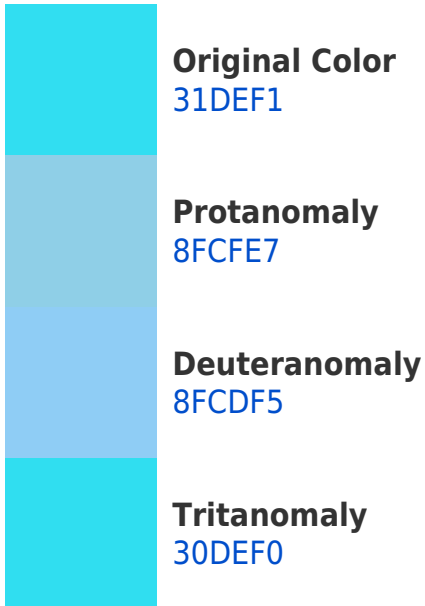
Dichromacy



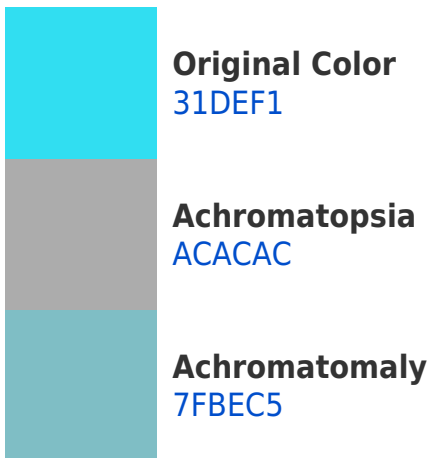


Tritanopia
30DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31DEF1 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 #31DEF1 looks like.

```
.text, #text, p{  
  color:#31DEF1  
}
```

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 #31DEF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31DEF1  
}
```

Border

The CSS property to change the border of an element to Hex 31DEF1 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  
#31DEF1 }
```

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

```
.border{ border-color:#31DEF1 }
```

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

Here you see how a box with a 4 pixel #31DEF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31DEF1; -webkit-box-shadow:4px 4px  
4px 4px #31DEF1; box-shadow:4px 4px 4px  
4px #31DEF1 }
```

Background

The CSS property to change the background color of an element to Hex 31DEF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31DEF1 }
```

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

```
.background{ background-color:#31DEF1 }
```

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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