

Converting Colors

Hex(30A1E9)

Have a look what the booklet for
Hex(30A1E9) contains.

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Color

Hex(30A1E9)

Conversions

Conversions Part 1

Format	Color
Hex	30A1E9
RGB	48, 161, 233
RGB Percent	19%, 63%, 91%
CMY	0.8118, 0.3686, 0.0863
CMYK	0.79, 0.31, 0.00, 0.09
HSL	203°, 81%, 55%
HSV	203°, 79%, 91%
XYZ	28.6718, 32.0013, 81.7565
YIQ	135.4210, -90.4600, -1.5640

Conversions

Conversions Part 2

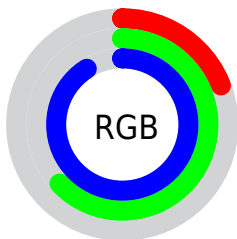
Format	Color
R _Y B	48, 118, 233
Decimal	3187177
CIE Lab	63.34, -6.67, -44.98
CIE LCh	63, 45.473, 261.569
Yxy	32.0013, 0.2013, 0.2247
Android (android.graphics.Color)	4281377257 (0xFF30A1E9)
YUV	135.4210, 48.1064, -76.6682
Hunter-Lab	56.5697, -8.5261, -46.0892

Details

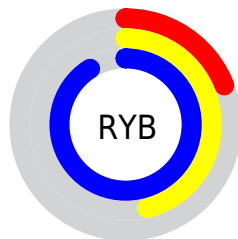
The Hex color **30A1E9** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **E97830**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7AD8FF**, and **006EB1** is the 20% darker color. If you saturate the color by 10%, you get **1998E9**, and if you desaturate by 10%, it is **47AAE9**.

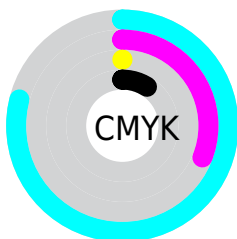
Distribution



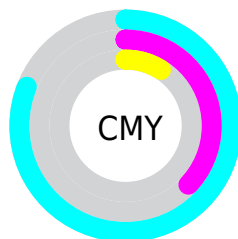
- Red (19%)
- Green (63%)
- Blue (91%)



- Red (19%)
- Yellow (46%)
- Blue (91%)



- Cyan (79%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (81%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A1E9 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 30A1E9 by changing the saturation by 10% instead.

■ 30A1E9

■ 30A1E9

FFFFFF

■ 0087CD

■ 7AD8FF

■ 006EB1

■ 99F4FF

■ 005696

■ B8FFFF

■ 003F7C

■ D7FFFF

■ 002962

■ F6FFFF

■ 00164A

■ 000433

■ 00021D

■ 000000

■ 30A1E9

■ 30A1E9

■ 1998E9

■ 47AAE9

■ 018FE9

■ 5FB3E9

■ 008EE9

■ 76BCE9

■ 8DC5E9

■ A5CEE9

■ BCD7E9

■ D3E0E9

■ EAEAE9

■ FFF3E9

Harmonies

Analogous

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



00AAD8



30A1E9



8A93E5

Triad

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



30A1E9



E6797E



65A965

Complementary

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



30A1E9



E97830

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.



95A04B



30A1E9



D8845B

Square

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



30A1E9



DF79A7



BC9348



0DAD8C

Rectangle

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



30A1E9



B189D6



BC9348



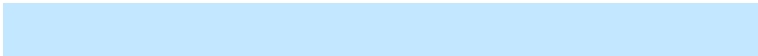
76A65B

Sweetspot

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



30A1E9



C2E7FF



30E977



5B7180



000000



808080

Same Dimension

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



30A1E9



0DA1FF



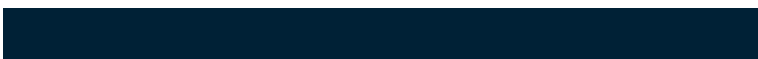
3046E9



6A7175



006FB5



002136

Inverse Universe

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



E930A1



FF0DA1



E9D330



756A71



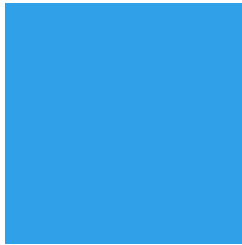
B5006F



360021

Previews

White Background



This preview shows how the Hex color 30A1E9 looks on a white background.

Color Contrast Check

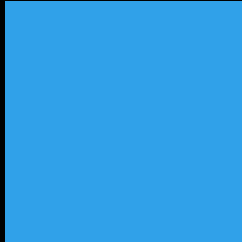
Large Text (above 18pt) WCAG AA × Fail

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 30A1E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

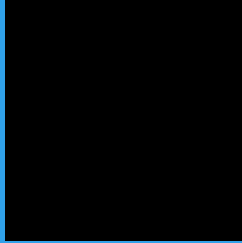
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

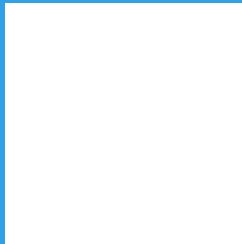
Any Text WCAG AAA ✓ Pass

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

Hex 30A1E9 Background



This preview shows how black text looks on a background with the Hex color 30A1E9.



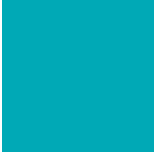
This preview shows how white text looks on a background with the Hex color 30A1E9.

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](#).

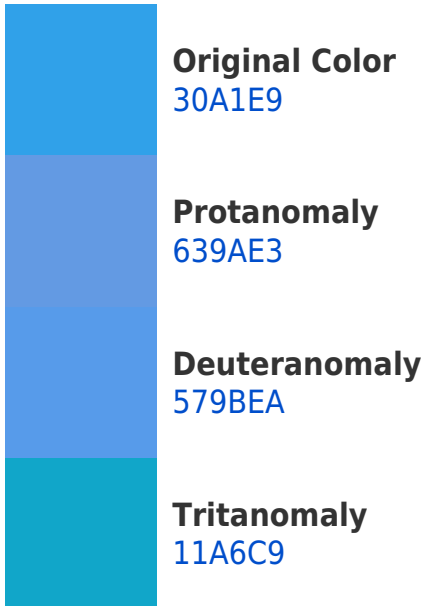
Dichromacy



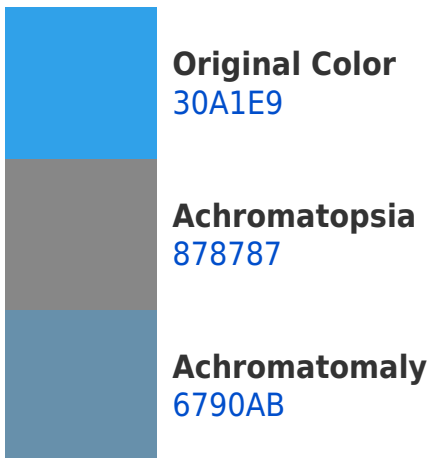


Tritanopia
00A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30A1E9 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 #30A1E9 looks like.

```
.text, #text, p{  
    color:#30A1E9  
}
```

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 #30A1E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A1E9
}
```

Border

The CSS property to change the border of an element to Hex 30A1E9 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
#30A1E9 }
```

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

```
.border{ border-color:#30A1E9 }
```

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

Here you see how a box with a 4 pixel #30A1E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A1E9; -webkit-box-shadow:4px 4px  
4px 4px #30A1E9; box-shadow:4px 4px 4px  
4px #30A1E9 }
```

Background

The CSS property to change the background color of an element to Hex 30A1E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A1E9 }
```

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

```
.background{ background-color:#30A1E9 }
```

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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