

Converting Colors

Hex(21ECE7)

Have a look what the booklet for
Hex(21ECE7) contains.

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Color

Hex(21ECE7)

Conversions

Conversions Part 1

Format	Color
Hex	21ECE7
RGB	33, 236, 231
RGB Percent	13%, 93%, 91%
CMY	0.8706, 0.0745, 0.0941
CMYK	0.86, 0.00, 0.02, 0.07
HSL	179°, 84%, 53%
HSV	179°, 86%, 93%
XYZ	45.0465, 66.0838, 85.9826
YIQ	174.7330, -119.3830, -44.5910

Conversions

Conversions Part 2

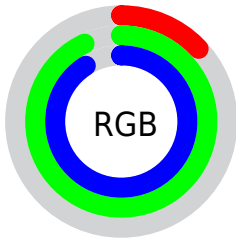
Format	Color
R _Y B	33, 136, 236
Decimal	2223335
CIE Lab	85.04, -45.68, -10.66
CIE LCh	85, 46.908, 193.131
Yxy	66.0838, 0.2285, 0.3353
Android (android.graphics.Color)	4280413415 (0xFF21ECE7)
YUV	174.7330, 27.7396, -124.2998
Hunter-Lab	81.2919, -43.3483, -5.8068

Details

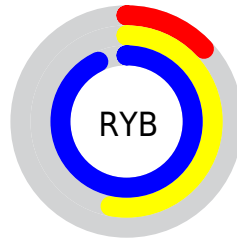
The Hex color **21ECE7** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **EC2126**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **7AFFFF**, and **00B3B0** is the 20% darker color. If you saturate the color by 10%, you get **09ECE6**, and if you desaturate by 10%, it is **39ECE8**.

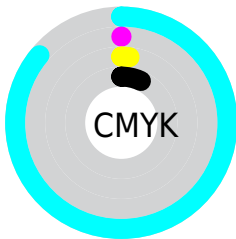
Distribution



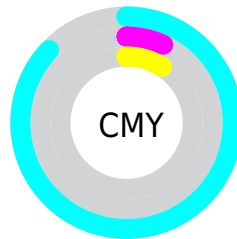
- Red (13%)
- Green (93%)
- Blue (91%)



- Red (13%)
- Yellow (53%)
- Blue (93%)



- Cyan (86%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (87%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21ECE7 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 21ECE7 by changing the saturation by 10% instead.

 21ECE7

 21ECE7

FFFFFF

 00CFCB

 7AFFFF

 00B3B0

 9CFFFF

 009895

 BDFFFF

 007D7B

 DDFFFF

 006462

 FDFFFF


 004B4B

 003334

 001B1F

 000005

 21ECE7

 21ECE7

 09ECE6

 39ECE8

 00ECE6

 50ECE8

 68ECE9

 7FECE9

 97ECEA

 AFECEA

 C6ECEB

 DEECEC

 F5ECEC

Harmonies

Analogous

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



73EAB9



21ECE7



00E9FF

Triad

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



21ECE7



F2C2FF



FFC980

Complementary

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



21ECE7



EC2126

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.



FFBA9A



21ECE7



FFB5EF

Square

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



21ECE7



B3D2FF



FFB2C2



DED87C

Rectangle

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



21ECE7



41E4FF



FFB2C2



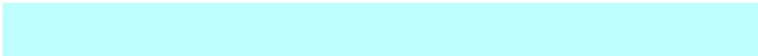
FFC486

Sweetspot

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



21ECE7



BDFFFD



28EC21



58807F



000000



808080

Same Dimension

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



21ECE7



00FFF9



218DEC



6A7575



00B5B1



003634

Inverse Universe

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



EC2126



FF0006



EC8021



756A6A



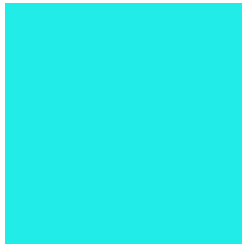
B50004



360001

Previews

White Background



This preview shows how the Hex color 21ECE7 looks on a white background.

Color Contrast Check

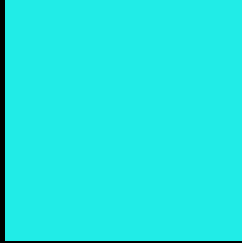
Large Text (above 18pt) WCAG AA × Fail

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 21ECE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

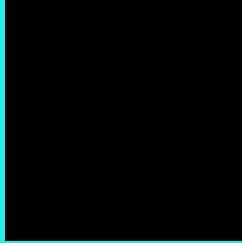
Any Text WCAG AA ✓ Pass

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 21ECE7 Background



This preview shows how black text looks on a background with the Hex color 21ECE7.

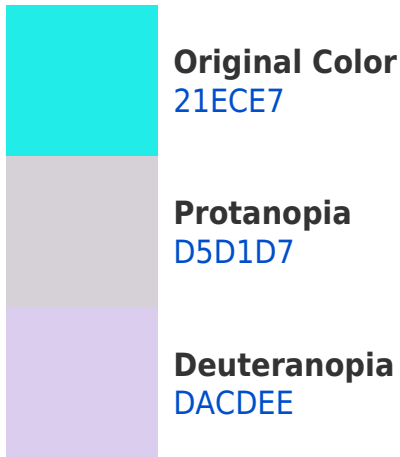


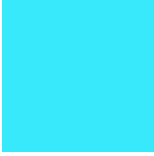
This preview shows how white text looks on a background with the Hex color 21ECE7.

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
38E9FC

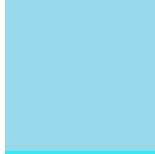
Trichromacy



Original Color
21ECE7



Protanomaly
94DBDD



Deuteranomaly
97D8EB

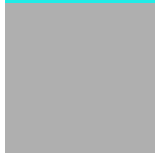


Tritanomaly
30EAF4

Monochromacy



Original Color
21ECE7



Achromatopsia
AFAFAF



Achromatomaly
7BC5C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 21ECE7 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 #21ECE7 looks like.

```
.text, #text, p{  
    color:#21ECE7  
}
```

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 #21ECE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21ECE7
}
```

Border

The CSS property to change the border of an element to Hex 21ECE7 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
#21ECE7 }
```

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

```
.border{ border-color:#21ECE7 }
```

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

Here you see how a box with a 4 pixel #21ECE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21ECE7; -webkit-box-shadow:4px 4px  
4px 4px #21ECE7; box-shadow:4px 4px 4px  
4px #21ECE7 }
```

Background

The CSS property to change the background color of an element to Hex 21ECE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21ECE7 }
```

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

```
.background{ background-color:#21ECE7 }
```

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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