

Converting Colors

Hex(21E1EC)

Have a look what the booklet for
Hex(21E1EC) contains.

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Color

Hex(21E1EC)

Conversions

Conversions Part 1

Format	Color
Hex	21E1EC
RGB	33, 225, 236
RGB Percent	13%, 88%, 93%
CMY	0.8706, 0.1176, 0.0745
CMYK	0.86, 0.05, 0.00, 0.07
HSL	183°, 84%, 53%
HSV	183°, 86%, 93%
XYZ	42.6927, 60.2299, 88.7323
YIQ	168.8460, -117.9630, -37.2830

Conversions

Conversions Part 2

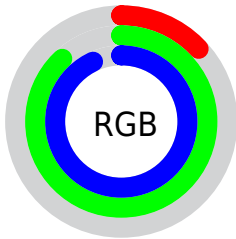
Format	Color
R _Y B	33, 132, 236
Decimal	2220524
CIE Lab	81.96, -39.33, -17.91
CIE LCh	82, 43.219, 204.481
Yxy	60.2299, 0.2228, 0.3143
Android (android.graphics.Color)	4280410604 (0xFF21E1EC)
YUV	168.8460, 33.1069, -119.1369
Hunter-Lab	77.6079, -37.6196, -13.4631

Details

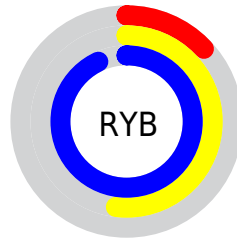
The Hex color **21E1EC** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **EC2C21**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **79FFFF**, and **00A9B4** is the 20% darker color. If you saturate the color by 10%, you get **09E0EC**, and if you desaturate by 10%, it is **39E2EC**.

Distribution



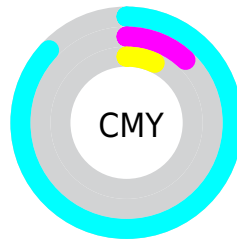
- Red (13%)
- Green (88%)
- Blue (93%)



- Red (13%)
- Yellow (52%)
- Blue (93%)



- Cyan (86%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21E1EC 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 21E1EC by changing the saturation by 10% instead.

 21E1EC

 21E1EC

FFFFFF

 00C5D0

 79FFFF

 00A9B4

 9BFFFF

 008E99

 BBFFFF

 00747F

 DBFFFF

 005B66

 FBFFFF

 00424E

 002C38

 000F22

 00000A

 21E1EC

 21E1EC

 09E0EC

 39E2EC

 00DFEC

 50E4EC

 68E5EC

 7FE6EC

 97E7EC

 AFE9EC

 C6EAEC

 DEEBEC

 F5EDEC

Harmonies

Analogous

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



5FE1C3



21E1EC



39DCFF

Triad

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



21E1EC



F8B6FB



EDC77B

Complementary

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



21E1EC



EC2C21

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.



FFB98B



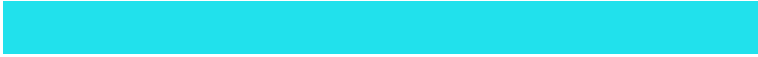
21E1EC



FFADD5

Square

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



21E1EC



C6C4FF



FFAEAC



C5D481

Rectangle

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



21E1EC



6BD6FF



FFAEAC



F9C27E

Sweetspot

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



21E1EC



BDFBFF



21EC2B



587D80



000000



808080

Same Dimension

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



21E1EC



00F1FF



217CEC



6A7575



00ABB5



003336

Inverse Universe

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



EC21E1



FF00F1



EC9121



756A75



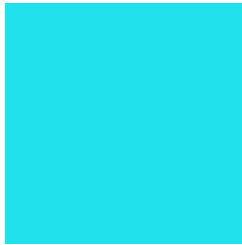
B500AB



360033

Previews

White Background



This preview shows how the Hex color 21E1EC looks on a white background.

Color Contrast Check

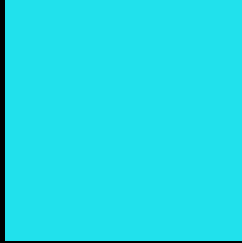
Large Text (above 18pt) WCAG AA × Fail

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 21E1EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

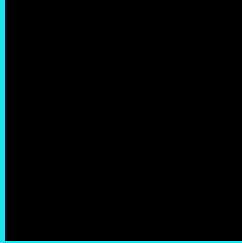
Any Text WCAG AA ✓ Pass

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 21E1EC Background



This preview shows how black text looks on a background with the Hex color 21E1EC.

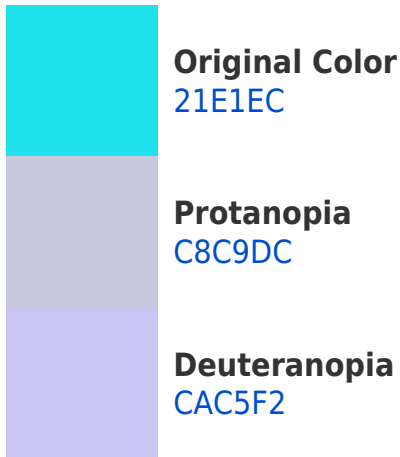


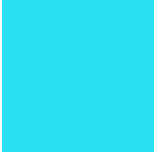
This preview shows how white text looks on a background with the Hex color 21E1EC.

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
29E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21E1EC 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 #21E1EC looks like.

```
.text, #text, p{  
    color:#21E1EC  
}
```

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 #21E1EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21E1EC
}
```

Border

The CSS property to change the border of an element to Hex 21E1EC 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
#21E1EC }
```

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

```
.border{ border-color:#21E1EC }
```

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

Here you see how a box with a 4 pixel #21E1EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21E1EC; -webkit-box-shadow:4px 4px  
4px 4px #21E1EC; box-shadow:4px 4px 4px  
4px #21E1EC }
```

Background

The CSS property to change the background color of an element to Hex 21E1EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21E1EC }
```

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

```
.background{ background-color:#21E1EC }
```

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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