

Converting Colors

Hex(63FFE0)

Have a look what the booklet for
Hex(63FFE0) contains.

Hex(63FFE0)	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(63FFE0)

Conversions

Conversions Part 1

Format	Color
Hex	63FFE0
RGB	99, 255, 224
RGB Percent	39%, 100%, 88%
CMY	0.6118, 0.0000, 0.1216
CMYK	0.61, 0.00, 0.12, 0.00
HSL	168°, 100%, 69%
HSV	168°, 61%, 100%
XYZ	54.3601, 79.5545, 83.0115
YIQ	204.8220, -83.0250, -42.7130

Conversions

Conversions Part 2

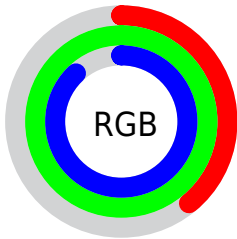
Format	Color
R_{YB}	99, 186, 255
Decimal	6553568
CIE _{Lab}	91.48, -48.26, 2.61
CIE _{LCh}	91, 48.332, 176.903
Yxy	79.5545, 0.2506, 0.3667
Android (android.graphics.Color)	4284743648 (0xFF63FFE0)
YUV	204.8220, 9.4548, -92.8059
Hunter-Lab	89.1933, -47.2989, 7.2546

Details

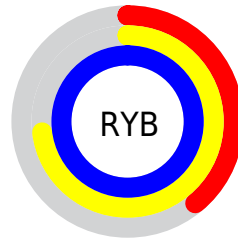
The Hex color **63FFE0** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6382**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **A3FFFF**, and **00C5A9** is the 20% darker color. If you saturate the color by 10%, you get **49FFDB**, and if you desaturate by 10%, it is **7CFFE5**.

Distribution



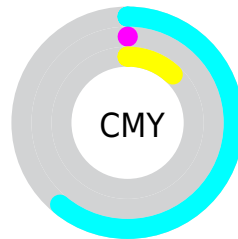
- Red (39%)
- Green (100%)
- Blue (88%)



- Red (39%)
- Yellow (73%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63FFE0 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 63FFE0 by changing the saturation by 10% instead.

 63FFE0

 63FFE0

FFFFFF

 3EE2C4

 A3FFFF

 00C5A9

 C2FFFF

 00AA8E

 E1FFFF

 008E75

 00745C

 005A45

 00422F

 002C1A

 000A00

 63FFE0

 63FFE0

 49FFDB

 7CFFE5

 30FFD6

 96FFEA

 16FFD1

 B0FFE5

 00FFCC

 C9FFF4

 E3FFF9

 FCFFE

 FFFFFF

Harmonies

Analogous

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



A3FAB2



63FFE0



05FFFF

Triad

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



63FFE0



E5DCFF



FFD29A

Complementary

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



63FFE0



FF6382

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.



FFC5BF



63FFE0



FFCCFF

Square

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



63FFE0



9AEDFF



FFC3ED



FFE289

Rectangle

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



63FFE0



1CFBFF



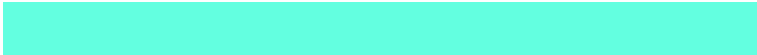
FFC3ED



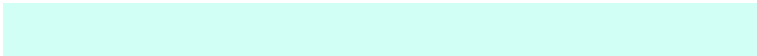
FFCDA5

Sweetspot

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



63FFE0



D1FFF6



82FF63



63807A



000000



808080

Same Dimension

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



63FFE0



45FFDA



63D0FF



73807D



00BF99



004033

Inverse Universe

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



FF6382



FF456A



FF9263



807375



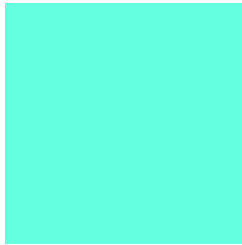
BF0026



40000D

Previews

White Background



This preview shows how the Hex color 63FFE0 looks on a white background.

Color Contrast Check

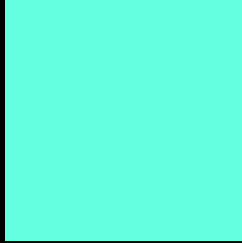
Large Text (above 18pt) WCAG AA × Fail

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 63FFE0 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

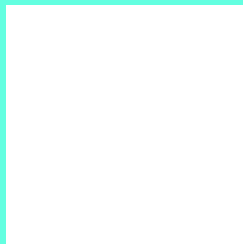
Any Text WCAG AAA ✓ Pass

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

Hex 63FFE0 Background



This preview shows how black text looks on a background with the Hex color 63FFE0.

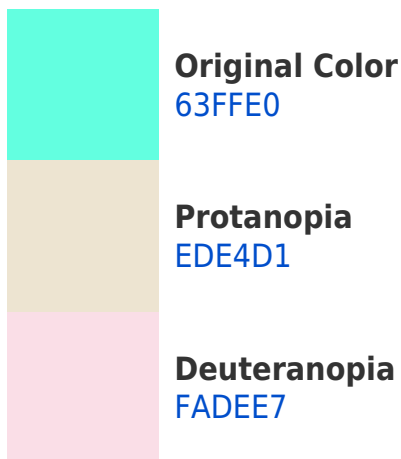


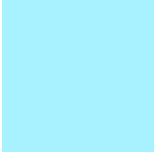
This preview shows how white text looks on a background with the Hex color 63FFE0.

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](#).

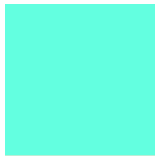
Dichromacy





Tritanopia
A8F2FF

Trichromacy



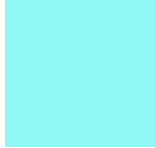
Original Color
63FFE0



Protanomaly
BBEED6



Deuteranomaly
C3EAE4

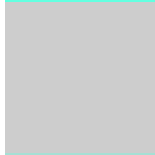


Tritanomaly
8FF7F4

Monochromacy



Original Color
63FFE0



Achromatopsia
CDCDCD



Achromatomaly
A6DFD4

CSS Examples

Text

The CSS property to change the color of the text to Hex 63FFE0 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 #63FFE0 looks like.

```
.text, #text, p{  
    color:#63FFE0  
}
```

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 #63FFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63FFE0
}
```

Border

The CSS property to change the border of an element to Hex 63FFE0 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
#63FFE0 }
```

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

```
.border{ border-color:#63FFE0 }
```

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

Here you see how a box with a 4 pixel #63FFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63FFE0; -webkit-box-shadow:4px 4px  
4px 4px #63FFE0; box-shadow:4px 4px 4px  
4px #63FFE0 }
```

Background

The CSS property to change the background color of an element to Hex 63FFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63FFE0 }
```

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

```
.background{ background-color:#63FFE0 }
```

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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