

Converting Colors

Hex(44FFE8)

Have a look what the booklet for
Hex(44FFE8) contains.

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Color

Hex(44FFE8)

Conversions

Conversions Part 1

Format	Color
Hex	44FFE8
RGB	68, 255, 232
RGB Percent	27%, 100%, 91%
CMY	0.7333, 0.0000, 0.0902
CMYK	0.73, 0.00, 0.09, 0.00
HSL	173°, 100%, 63%
HSV	173°, 73%, 100%
XYZ	52.7094, 78.5751, 88.7324
YIQ	196.4650, -104.0690, -46.7970

Conversions

Conversions Part 2

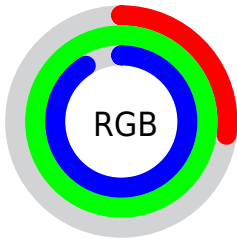
Format	Color
RYB	68, 168, 255
Decimal	4521960
CIELab	91.04, -50.60, -2.26
CIELCh	91, 50.647, 182.554
Yxy	78.5751, 0.2396, 0.3571
Android (android.graphics.Color)	4282712040 (0xFF44FFE8)
YUV	196.4650, 17.5188, -112.6638
Hunter-Lab	88.6426, -48.9835, 2.6998

Details

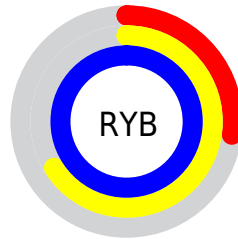
The Hex color **44FFE8** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF445B**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **8EFFFF**, and **00C5B0** is the 20% darker color. If you saturate the color by 10%, you get **2AFFE5**, and if you desaturate by 10%, it is **5DFFEB**.

Distribution



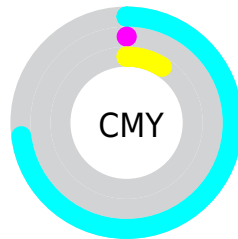
- Red (27%)
- Green (100%)
- Blue (91%)



- Red (27%)
- Yellow (66%)
- Blue (100%)



- Cyan (73%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (73%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44FFE8 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 44FFE8 by changing the saturation by 10% instead.

 44FFE8

FFFFFF

 8EFFFF

 AFFFFFF

 CFFFFFF

 EFFFFFF

 44FFE8

 00E2CC

 00C5B0

 00A996

 008E7C

 007463

 005A4B

 004135

 002B20

 000809

 44FFE8

 44FFE8

 2AFFE5

 5DFFEB

 11FFE2

 77FFEE

 00FFE0

 91FFF1

 AAFFF5

 C3FFF8

 DDFFFB

 F6FFFE

FFFFFF

Harmonies

Analogous

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



92FBB7



44FFE8



00FEFF

Triad

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



44FFE8



F0D7FF



FFD390

Complementary

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



44FFE8



FF445B

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.



FFC4B4



44FFE8



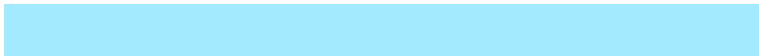
FFC7FF

Square

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



44FFE8



A3E9FF



FFBFE3



FFE483

Rectangle

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



44FFE8



00F9FF



FFBFE3



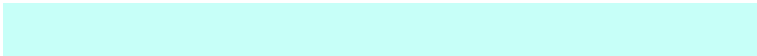
FFCD9A

Sweetspot

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



44FFE8



C7FFF8



5DFF44



5E807B



000000



808080

Same Dimension

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



44FFE8



1FFFE3



44BAFF



73807E



00BFA8



004038

Inverse Universe

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



FF445B



FF1F3A



FF8944



807374



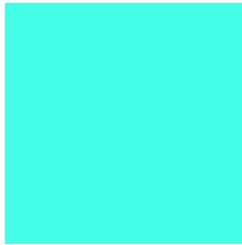
BF0018



400008

Previews

White Background



This preview shows how the Hex color 44FFE8 looks on a white background.

Color Contrast Check

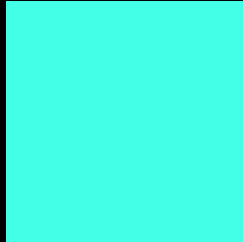
Large Text (above 18pt) WCAG AA × Fail

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 44FFE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

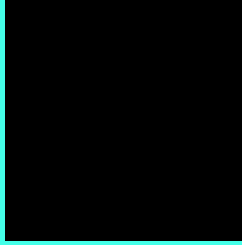
Any Text WCAG AA ✓ Pass

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 44FFE8 Background



This preview shows how black text looks on a background with the Hex color 44FFE8.

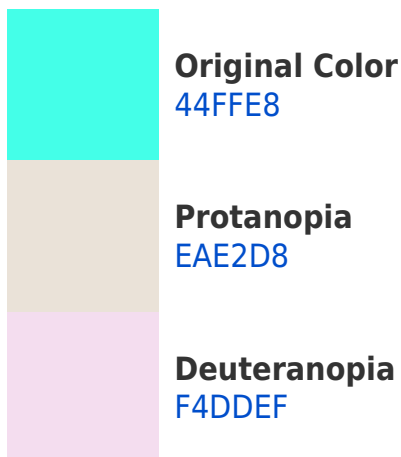


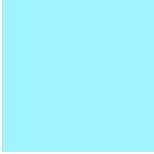
This preview shows how white text looks on a background with the Hex color 44FFE8.

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



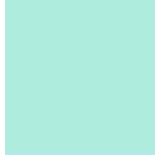


Tritanopia
9FF2FF

Trichromacy



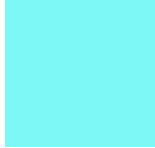
Original Color
44FFE8



Protanomaly
AEEDDE



Deuteranomaly
B4E9EC

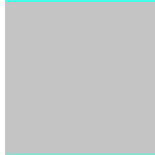


Tritanomaly
7EF7F7

Monochromacy



Original Color
44FFE8



Achromatopsia
C4C4C4



Achromatomaly
95D9D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 44FFE8 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 #44FFE8 looks like.

```
.text, #text, p{  
    color:#44FFE8  
}
```

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 #44FFE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44FFE8  
}
```

Border

The CSS property to change the border of an element to Hex 44FFE8 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  
#44FFE8 }
```

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

```
.border{ border-color:#44FFE8 }
```

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

Here you see how a box with a 4 pixel #44FFE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44FFE8; -webkit-box-shadow:4px 4px  
4px 4px #44FFE8; box-shadow:4px 4px 4px  
4px #44FFE8 }
```

Background

The CSS property to change the background color of an element to Hex 44FFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44FFE8 }
```

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

```
.background{ background-color:#44FFE8 }
```

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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