

# Converting Colors

Hex(24FFC7)

Have a look what the booklet for  
Hex(24FFC7) contains.

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# **Color**

**Hex(24FFC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24FFC7
RGB	36, 255, 199
RGB Percent	14%, 100%, 78%
CMY	0.8588, 0.0000, 0.2196
CMYK	0.86, 0.00, 0.22, 0.00
HSL	165°, 100%, 57%
HSV	165°, 86%, 100%
XYZ	46.7964, 76.0186, 66.2395
YIQ	183.1350, -112.5480, -63.8440

# Conversions

## Conversions Part 2

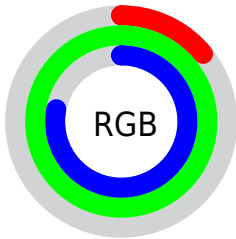
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 162, 255
Decimal	2424775
CIE <sub>Lab</sub>	89.87, -61.51, 13.07
CIE <sub>LCh</sub>	90, 62.884, 168.009
Yxy	76.0186, 0.2475, 0.4021
Android (android.graphics.Color)	4280614855 (0xFF24FFC7)
YUV	183.1350, 7.8214, -129.0374
Hunter-Lab	87.1886, -56.7746, 15.9879

# Details

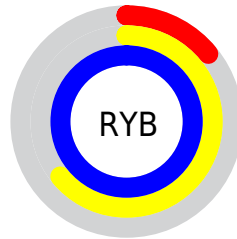
The Hex color **24FFC7** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF245C**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **7CFFFF**, and **00C591** is the 20% darker color. If you saturate the color by 10%, you get **0AFFC0**, and if you desaturate by 10%, it is **3DFFCE**.

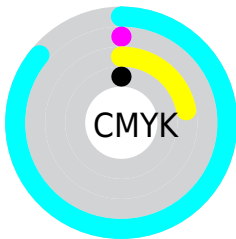
# Distribution



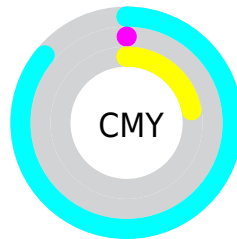
- Red (14%)
- Green (100%)
- Blue (78%)



- Red (14%)
- Yellow (64%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (86%)
- Magenta (0%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24FFC7 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 24FFC7 by changing the saturation by 10% instead.



 24FFC7

FFFFFF

 7CFFFF

 9EFFFF

 BFFFFFF

 DFFFFFF

 24FFC7

 00E2AC

 00C591

 00A977

 008D5F

 007347

 005930

 003F1B

 002802

 000000

 24FFC7

 24FFC7

 0AFFC0

 3DFFCE

 00FFBE

 57FFD4

 70FFDB

 8AFFE1

 A3FFE8

 BDFFE6

 D6FFF5

 F0FFF8

FFFFFF

# Harmonies

## Analogous

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



9DF88F



24FFC7



00FFFF

# Triad

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



24FFC7



BFDCFF



FFC08B

# Complementary

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



24FFC7



FF245C

# 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.



FFB1C0



24FFC7



FFC4FF

# Square

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



24FFC7



00EFFF



FFB2FD



FFD66A

# Rectangle

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



24FFC7



00FEFF



FFB2FD



FFBA9B

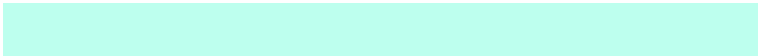


# Sweetspot

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



24FFC7



BDFEE



5EFF24



588075



000000



808080



# Same Dimension

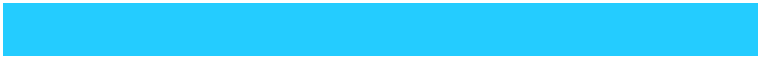
The Same Dimension uses a secret algorithm to generate beautiful new colors.



24FFC7



00FFBE



24CCFF



73807C



00BF8E



00402F



# Inverse Universe

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



FF245C



FF0041



FF5724



807376



BF0031

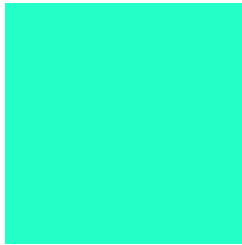


400010



# Previews

## White Background



This preview shows how the Hex color 24FFC7 looks on a white background.

## Color Contrast Check

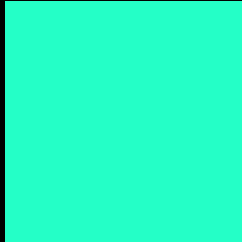
Large Text (above 18pt) WCAG AA × Fail

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 24FFC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

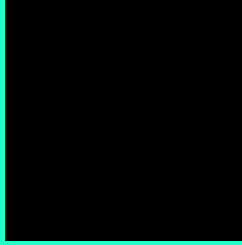
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 24FFC7 Background



This preview shows how black text looks on a background with the Hex color 24FFC7.

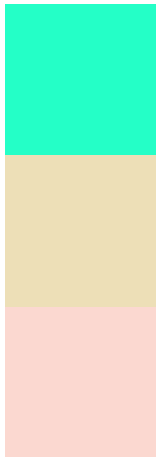


This preview shows how white text looks on a background with the Hex color 24FFC7.

# 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](#).

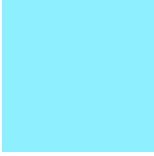
## Dichromacy



**Original Color**  
24FFC7

**Protanopia**  
EDDFB7

**Deuteranopia**  
FBD8D0



**Tritanopia**  
8EF0FF

# Trichromacy



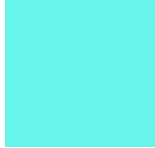
**Original Color**  
24FFC7



**Protanomaly**  
A4EBBD



**Deuteranomaly**  
ADE6CD

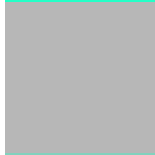


**Tritanomaly**  
67F5EB

# Monochromacy



**Original Color**  
24FFC7



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
82D1BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24FFC7 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 #24FFC7 looks like.

```
.text, #text, p{  
    color:#24FFC7  
}
```

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 #24FFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24FFC7
}
```

## Border

The CSS property to change the border of an element to Hex 24FFC7 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
#24FFC7 }
```

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

```
.border{ border-color:#24FFC7 }
```

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

Here you see how a box with a 4 pixel #24FFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24FFC7; -webkit-box-shadow:4px 4px  
4px 4px #24FFC7; box-shadow:4px 4px 4px  
4px #24FFC7 }
```

# Background

The CSS property to change the background color of an element to Hex 24FFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24FFC7 }
```

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

```
.background{ background-color:#24FFC7 }
```

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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