

# Converting Colors

Hex(24F6C2)

Have a look what the booklet for  
Hex(24F6C2) contains.

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# Color

Hex(24F6C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	24F6C2
RGB	36, 246, 194
RGB Percent	14%, 96%, 76%
CMY	0.8588, 0.0353, 0.2392
CMYK	0.85, 0.00, 0.21, 0.04
HSL	165°, 92%, 55%
HSV	165°, 85%, 96%
XYZ	43.4209, 70.1816, 62.2968
YIQ	177.2820, -108.4680, -60.6920

# Conversions

## Conversions Part 2

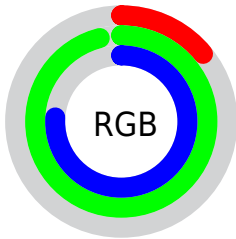
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 156, 246
Decimal	2422466
CIE <sub>Lab</sub>	87.09, -59.25, 11.70
CIE <sub>LCh</sub>	87, 60.394, 168.830
Yxy	70.1816, 0.2469, 0.3990
Android (android.graphics.Color)	4280612546 (0xFF24F6C2)
YUV	177.2820, 8.2420, -123.9043
Hunter-Lab	83.7745, -54.0875, 14.5526

# Details

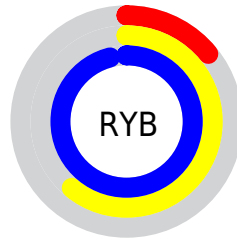
The Hex color **24F6C2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F62458**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **7AFFFB**, and **00BC8C** is the 20% darker color. If you saturate the color by 10%, you get **0BF6BC**, and if you desaturate by 10%, it is **3DF6C8**.

# Distribution



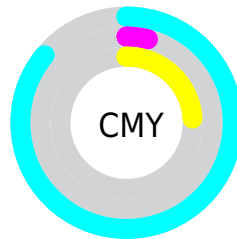
- Red (14%)
- Green (96%)
- Blue (76%)



- Red (14%)
- Yellow (61%)
- Blue (96%)



- Cyan (85%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)



- Cyan (86%)
- Magenta (4%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24F6C2 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 24F6C2 by changing the saturation by 10% instead.



 24F6C2

 24F6C2

FFFFFF

 00D9A7

 7AFFFB

 00BC8C

 9CFFFF

 00A173

 BCFFFF

 00855A

 DCFFFF

 006B43

 FCFFFF

 00512C

 003918

 002000

 000000

 24F6C2

 24F6C2

 0BF6BC

 3DF6C8

 00F6B9

 55F6CE

 6EF6D4

 86F6DA

 9FF6E0

 B8F6E7

 D0F6ED

 E9F6F3

 FFF6F9

# Harmonies

## Analogous

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



96EF8C



24F6C2



00F7FD

# Triad

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



24F6C2



BCD3FF



FFBA86

# Complementary

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



24F6C2



F62458

# 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.



FFABB8



24F6C2



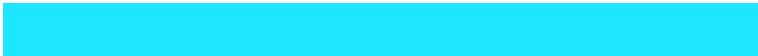
FFBDFD

# Square

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



24F6C2



1EE6FF



FFACF2



FFCF67

# Rectangle

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



24F6C2



00F5FF



FFACF2



FFB495

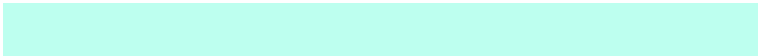


# Sweetspot

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



24F6C2



BDFFEF



59F624



588076



000000



808080



# Same Dimension

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



24F6C2



00FFC0



24C2F6



6E7A77



00BA8C



003B2C



# Inverse Universe

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



F62458



FF003F



F65924



7A6E71



BA002E

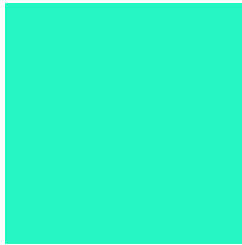


3B000F



# Previews

## White Background



This preview shows how the Hex color 24F6C2 looks on a white background.

## Color Contrast Check

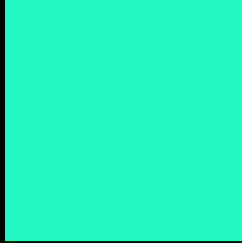
Large Text (above 18pt) WCAG AA × Fail

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 24F6C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

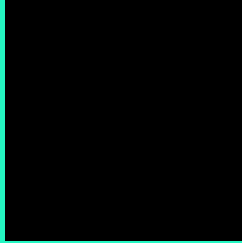
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 24F6C2 Background



This preview shows how black text looks on a background with the Hex color 24F6C2.

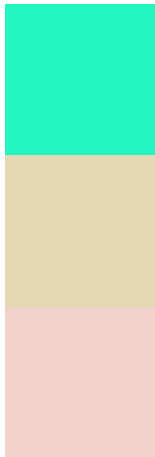


This preview shows how white text looks on a background with the Hex color 24F6C2.

# 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](#).

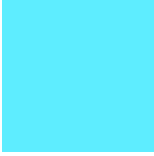
## Dichromacy



**Original Color**  
24F6C2

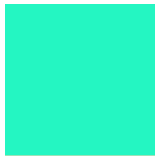
**Protanopia**  
E4D8B3

**Deuteranopia**  
F2D1CA



**Tritanopia**  
5EEDFF

# Trichromacy



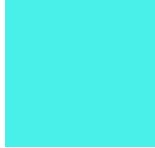
**Original Color**  
24F6C2



**Protanomaly**  
9EE3B8



**Deuteranomaly**  
A7DEC7



**Tritanomaly**  
49F0E9

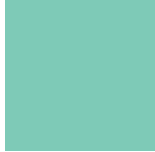
# Monochromacy



**Original Color**  
24F6C2



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
7ECAB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24F6C2 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 #24F6C2 looks like.

```
.text, #text, p{  
    color:#24F6C2  
}
```

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 #24F6C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24F6C2
}
```

## Border

The CSS property to change the border of an element to Hex 24F6C2 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
#24F6C2 }
```

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

```
.border{ border-color:#24F6C2 }
```

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

Here you see how a box with a 4 pixel #24F6C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24F6C2; -webkit-box-shadow:4px 4px  
4px 4px #24F6C2; box-shadow:4px 4px 4px  
4px #24F6C2 }
```

# Background

The CSS property to change the background color of an element to Hex 24F6C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24F6C2 }
```

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

```
.background{ background-color:#24F6C2 }
```

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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