

# Converting Colors

Hex(42D1F6)

Have a look what the booklet for  
Hex(42D1F6) contains.

<b>Hex(42D1F6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(42D1F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42D1F6
RGB	66, 209, 246
RGB Percent	26%, 82%, 96%
CMY	0.7412, 0.1804, 0.0353
CMYK	0.73, 0.15, 0.00, 0.04
HSL	192°, 91%, 61%
HSV	192°, 73%, 96%
XYZ	41.6818, 53.4130, 95.3017
YIQ	170.4610, -97.1050, -18.8090

# Conversions

## Conversions Part 2

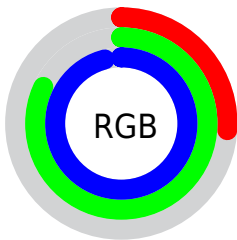
Format	Color
<b>RYB</b>	66, 146, 246
Decimal	4379126
CIELab	78.12, -25.81, -29.04
CIELCh	78, 38.851, 228.372
Yxy	53.4130, 0.2189, 0.2805
Android (android.graphics.Color)	4282569206 (0xFF42D1F6)
YUV	170.4610, 37.2407, -91.6123
Hunter-Lab	73.0842, -26.0942, -26.1551

# Details

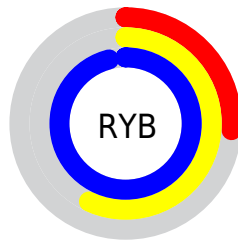
The Hex color **42D1F6** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F66742**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **89FFFF**, and **009ABE** is the 20% darker color. If you saturate the color by 10%, you get **29CCF6**, and if you desaturate by 10%, it is **5BD6F6**.

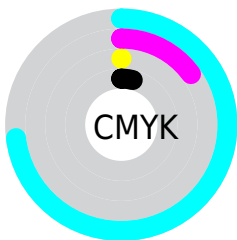
# Distribution



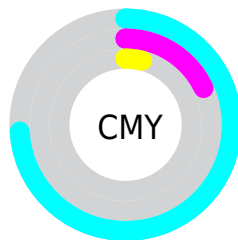
- Red (26%)
- Green (82%)
- Blue (96%)



- Red (26%)
- Yellow (57%)
- Blue (96%)



- Cyan (73%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (74%)
- Magenta (18%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42D1F6 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 42D1F6 by changing the saturation by 10% instead.



 42D1F6

 42D1F6

FFFFFF

 00B5D9

 89FFFF

 009ABE

 A9FFFF

 0080A2

 C8FFFF

 006788

 E7FFFF

 004E6F

 003756

 00233F

 000329

 000113

■ 42D1F6

■ 42D1F6

■ 29CCF6

■ 5BD6F6

■ 11C7F6

■ 73DBF6

■ 00C3F6

■ 8CE0F6

■ A4E5F6

■ BDEAF6

■ D6EFF6

■ EEF4F6

■ FFF9F6

■ FFFFF6

# Harmonies

## Analogous

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



42D5D7



42D1F6



77C9FF

# Triad

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



42D1F6



FFA7D1



C3C67C

# Complementary

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



42D1F6



F66742

# 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.



E6BA7B



42D1F6



FFA6AC

# Square

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



42D1F6



E1B0F1



FFAE8D



9ACF90

# Rectangle

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



42D1F6



9FC1FF



FFAE8D



D0C279

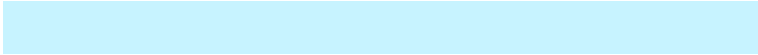


# Sweetspot

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



42D1F6



C7F3FF



42F666



5E7980



000000



808080



# Same Dimension

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



42D1F6



1FD1FF



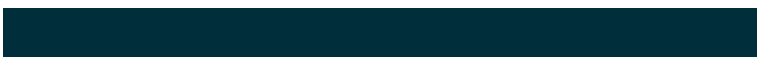
4278F6



6E787A



0094BA



002F3B



# Inverse Universe

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



F642D1



FF1FD1



F6C042



7A6E78



BA0094

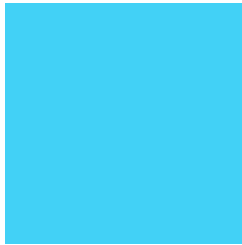


3B002F



# Previews

## White Background



This preview shows how the Hex color 42D1F6 looks on a white background.

## Color Contrast Check

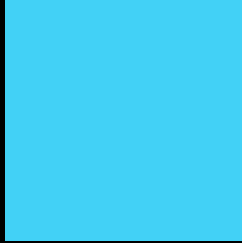
Large Text (above 18pt) WCAG AA × Fail

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 42D1F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

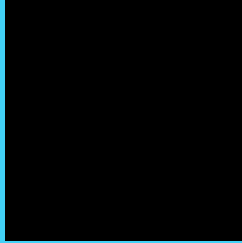
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42D1F6 Background



This preview shows how black text looks on a background with the Hex color 42D1F6.

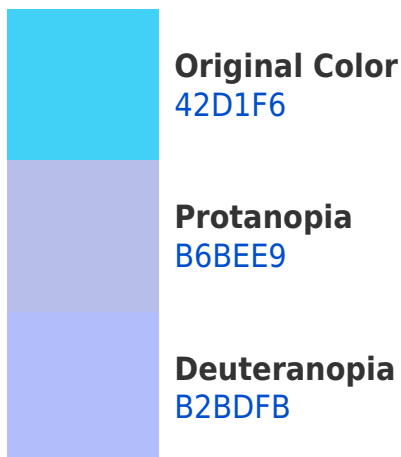


This preview shows how white text looks on a background with the Hex color 42D1F6.

# 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](#).

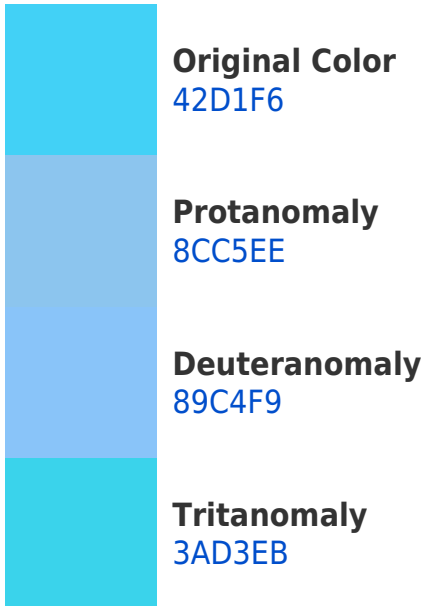
## Dichromacy



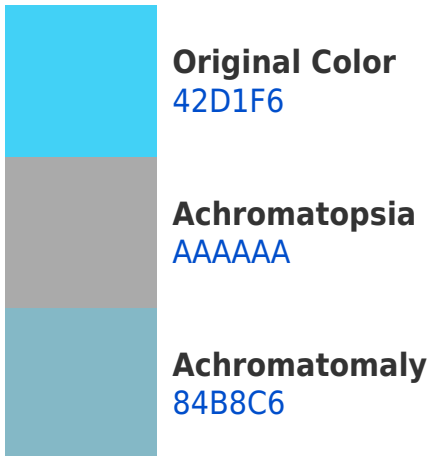


**Tritanopia**  
35D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42D1F6 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 #42D1F6 looks like.

```
.text, #text, p{  
    color:#42D1F6  
}
```

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 #42D1F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42D1F6
}
```

## Border

The CSS property to change the border of an element to Hex 42D1F6 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
#42D1F6 }
```

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

```
.border{ border-color:#42D1F6 }
```

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

Here you see how a box with a 4 pixel #42D1F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42D1F6; -webkit-box-shadow:4px 4px  
4px 4px #42D1F6; box-shadow:4px 4px 4px  
4px #42D1F6 }
```

# Background

The CSS property to change the background color of an element to Hex 42D1F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42D1F6 }
```

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

```
.background{ background-color:#42D1F6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor