

Converting Colors

Hex(4CC7F2)

Have a look what the booklet for
Hex(4CC7F2) contains.

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Color

Hex(4CC7F2)

Conversions

Conversions Part 1

Format	Color
Hex	4CC7F2
RGB	76, 199, 242
RGB Percent	30%, 78%, 95%
CMY	0.7020, 0.2196, 0.0510
CMYK	0.69, 0.18, 0.00, 0.05
HSL	196°, 86%, 62%
HSV	196°, 69%, 95%
XYZ	39.4309, 48.7942, 91.3444
YIQ	167.1250, -87.1110, -12.7030

Conversions

Conversions Part 2

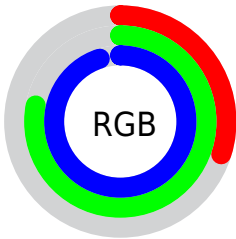
Format	Color
RYB	76, 147, 242
Decimal	5031922
CIELab	75.32, -20.72, -31.17
CIELCh	75, 37.434, 236.383
Yxy	48.7942, 0.2196, 0.2717
Android (android.graphics.Color)	4283222002 (0xFF4CC7F2)
YUV	167.1250, 36.9134, -79.9166
Hunter-Lab	69.8528, -21.4817, -28.6348

Details

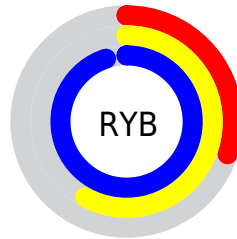
The Hex color **4CC7F2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F2774C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **8EFFFF**, and **0091BA** is the 20% darker color. If you saturate the color by 10%, you get **34C1F2**, and if you desaturate by 10%, it is **64CDF2**.

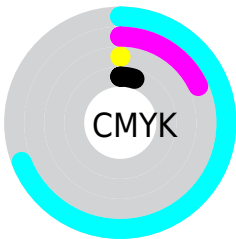
Distribution



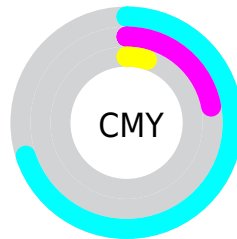
- Red (30%)
- Green (78%)
- Blue (95%)



- Red (30%)
- Yellow (58%)
- Blue (95%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (70%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CC7F2 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 4CC7F2 by changing the saturation by 10% instead.

 4CC7F2

 4CC7F2

FFFFFF

 1EACD6

 8EFFFF

 0091BA

 ADFFFF

 00779F

 CCFFFF

 005E84

 EBFFFF

 00476B

 003053

 001D3B

 000225

 00010E

 4CC7F2

 4CC7F2

 34C1F2

 64CDF2

 1CBAF2

 7CD4F2

 03B4F2

 95DAF2

 00B3F2

 ADE0F2

 C5E6F2

 DDEDf2

 F5F3F2

 FFF9F2

 FFFFF2

Harmonies

Analogous

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



3ACCD7



4CC7F2



82BEFE

Triad

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



4CC7F2



F99FBF



B1C17B

Complementary

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



4CC7F2



F2774C

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.



D5B674



4CC7F2



FDA19D

Square

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



4CC7F2



E1A6E0



EFAA81



89C892

Rectangle

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



4CC7F2



A7B6FB



EFAA81



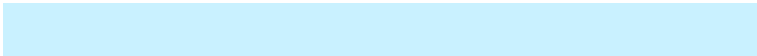
BEBD76

Sweetspot

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



4CC7F2



C9F1FF



4CF275



607780



000000



808080

Same Dimension

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



4CC7F2



2EC9FF



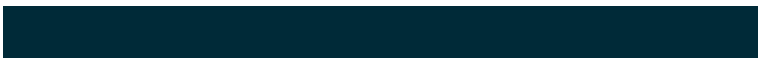
4C75F2



6C7578



0088B8



002A38

Inverse Universe

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



F24CC7



FF2EC9



F2C94C



786C75



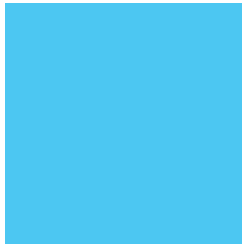
B80088



38002A

Previews

White Background



This preview shows how the Hex color 4CC7F2 looks on a white background.

Color Contrast Check

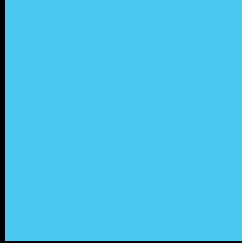
Large Text (above 18pt) WCAG AA × Fail

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 4CC7F2 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 4CC7F2 Background



This preview shows how black text looks on a background with the Hex color 4CC7F2.

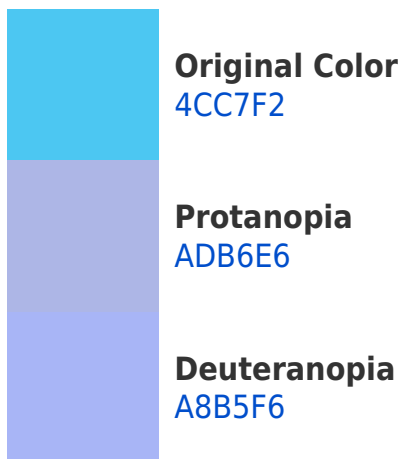


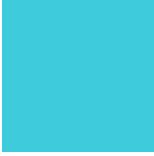
This preview shows how white text looks on a background with the Hex color 4CC7F2.

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](#).

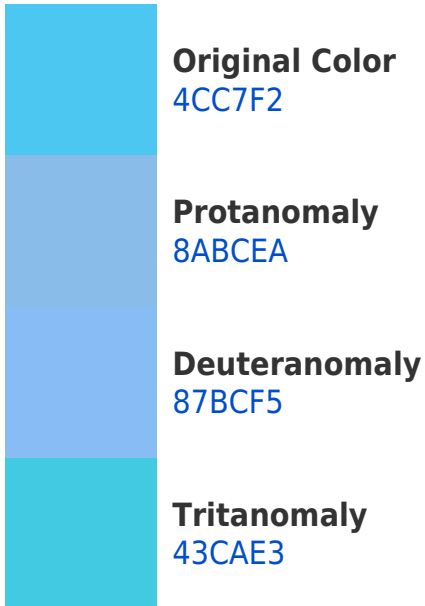
Dichromacy



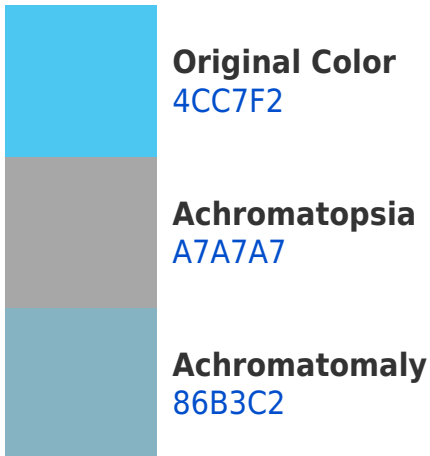


Tritanopia
3ECBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CC7F2 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 #4CC7F2 looks like.

```
.text, #text, p{  
    color:#4CC7F2  
}
```

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 #4CC7F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC7F2
}
```

Border

The CSS property to change the border of an element to Hex 4CC7F2 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
#4CC7F2 }
```

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

```
.border{ border-color:#4CC7F2 }
```

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

Here you see how a box with a 4 pixel #4CC7F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC7F2; -webkit-box-shadow:4px 4px  
4px 4px #4CC7F2; box-shadow:4px 4px 4px  
4px #4CC7F2 }
```

Background

The CSS property to change the background color of an element to Hex 4CC7F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC7F2 }
```

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

```
.background{ background-color:#4CC7F2 }
```

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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