

Converting Colors

Hex(72EFB4)

Have a look what the booklet for
Hex(72EFB4) contains.

Hex(72EFB4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(72EFB4)

Conversions

Conversions Part 1

Format	Color
Hex	72EFB4
RGB	114, 239, 180
RGB Percent	45%, 94%, 71%
CMY	0.5529, 0.0627, 0.2941
CMYK	0.52, 0.00, 0.25, 0.06
HSL	152°, 80%, 69%
HSV	152°, 52%, 94%
XYZ	46.0442, 68.6057, 53.9955
YIQ	194.8990, -55.5610, -44.8490

Conversions

Conversions Part 2

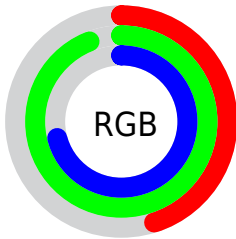
Format	Color
RYB	114, 196, 239
Decimal	7532468
CIELab	86.31, -48.30, 18.09
CIElCh	86, 51.572, 159.467
Yxy	68.6057, 0.2730, 0.4068
Android (android.graphics.Color)	4285722548 (0xFF72EFB4)
YUV	194.8990, -7.3452, -70.9484
Hunter-Lab	82.8286, -45.7224, 19.3292

Details

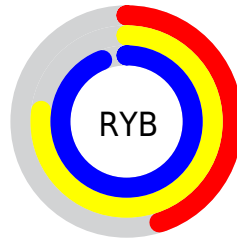
The Hex color **72EFB4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EF72AD**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **ADFFEC**, and **32B67F** is the 20% darker color. If you saturate the color by 10%, you get **5AEFA9**, and if you desaturate by 10%, it is **8AEFBF**.

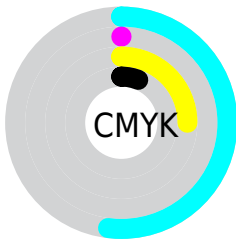
Distribution



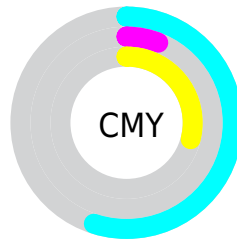
- Red (45%)
- Green (94%)
- Blue (71%)



- Red (45%)
- Yellow (77%)
- Blue (94%)



- Cyan (52%)
- Magenta (0%)
- Yellow (25%)
- Black (6%)



- Cyan (55%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72EFB4 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 72EFB4 by changing the saturation by 10% instead.

 72EFB4

FFFFFF

 ADFFEC


 CBFFFF

 E9FFFF

 72EFB4

 54D299

 32B67F

 009B66

 00804E

 006637

 004D21

 00350B

 001E00

 000000

 72EFB4

 72EFB4

 5AEFA9

 8AEFBF

 42EF9D

 A2EFCB

 2AEF92

 BAEFD6

 12EF87

 D2EFE1

 00EF7E

 EAEFEC

 FFEFF8

 FFEFFF

Harmonies

Analogous

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



B3E78A



72EFB4



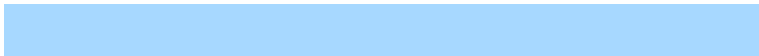
00F2E6

Triad

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



72EFB4



A7D8FF



FFB99C

Complementary

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



72EFB4



EF72AD

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.



FFB1CA



72EFB4



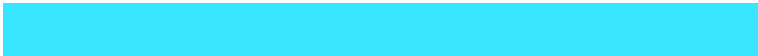
F1C5FF

Square

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



72EFB4



38E6FF



FFB6FB



FFC97D

Rectangle

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



72EFB4



00F1FF



FFB6FB



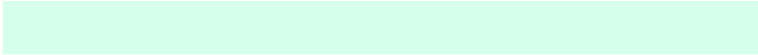
FFB5AA

Sweetspot

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



72EFB4



D6FFEC



AEEF72



678074



000000



808080

Same Dimension

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



72EFB4



5EFFB3



72EDEF



6C7872



00B861



00381E

Inverse Universe

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



EF72AD



FF5EAA



EF7472



786C72



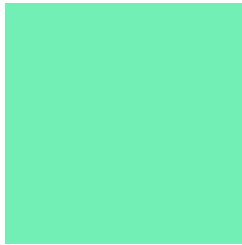
B80057



38001A

Previews

White Background



This preview shows how the Hex color 72EFB4 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

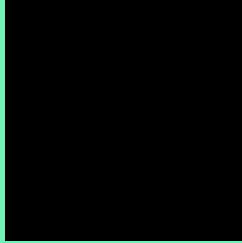
Any Text WCAG AA ✓ Pass

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 72EFB4 Background



This preview shows how black text looks on a background with the Hex color 72EFB4.

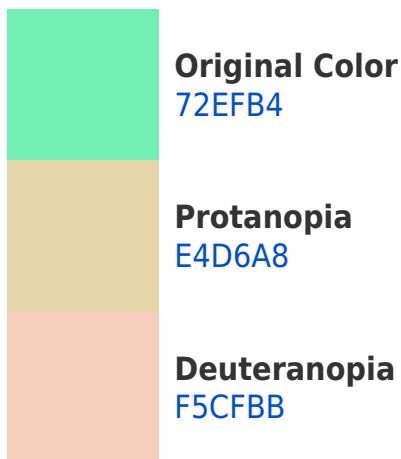


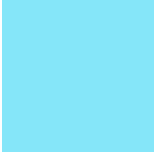
This preview shows how white text looks on a background with the Hex color 72EFB4.

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
85E6F9

Trichromacy



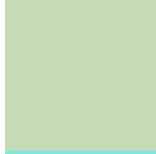
Original Color

72EFB4



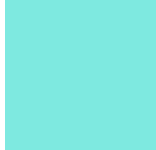
Protanomaly

BBD FAC



Deuteranomaly

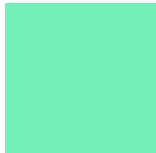
C5D BB8



Tritanomaly

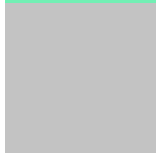
7EE9E0

Monochromacy



Original Color

72EFB4



Achromatopsia

C3C3C3



Achromatomaly

A6D3BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 72EFB4 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 #72EFB4 looks like.

```
.text, #text, p{  
    color:#72EFB4  
}
```

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 #72EFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72EFB4
}
```

Border

The CSS property to change the border of an element to Hex 72EFB4 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
#72EFB4 }
```

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

```
.border{ border-color:#72EFB4 }
```

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

Here you see how a box with a 4 pixel #72EFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72EFB4; -webkit-box-shadow:4px 4px  
4px 4px #72EFB4; box-shadow:4px 4px 4px  
4px #72EFB4 }
```

Background

The CSS property to change the background color of an element to Hex 72EFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72EFB4 }
```

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

```
.background{ background-color:#72EFB4 }
```

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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