

Converting Colors

Hex(72EBBA)

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

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Color

Hex(72EBBA)

Conversions

Conversions Part 1

Format	Color
Hex	72EBBA
RGB	114, 235, 186
RGB Percent	45%, 92%, 73%
CMY	0.5529, 0.0784, 0.2706
CMYK	0.51, 0.00, 0.21, 0.08
HSL	156°, 75%, 68%
HSV	156°, 51%, 92%
XYZ	45.5107, 66.5392, 56.8991
YIQ	193.2350, -56.3870, -40.8910

Conversions

Conversions Part 2

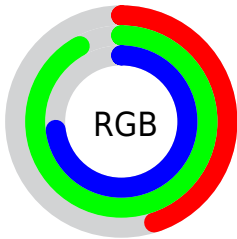
Format	Color
RYB	114, 190, 235
Decimal	7531450
CIELab	85.27, -45.35, 13.51
CIELCh	85, 47.315, 163.408
Yxy	66.5392, 0.2694, 0.3938
Android (android.graphics.Color)	4285721530 (0xFF72EBBA)
YUV	193.2350, -3.5669, -69.4891
Hunter-Lab	81.5716, -43.1610, 15.7432

Details

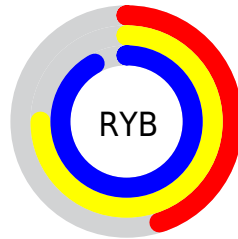
The Hex color **72EBBA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB72A3**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **ADFFF2**, and **32B285** is the 20% darker color. If you saturate the color by 10%, you get **5BEBB0**, and if you desaturate by 10%, it is **8AEBC4**.

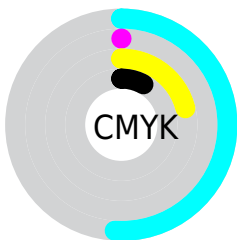
Distribution



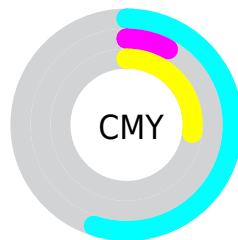
- Red (45%)
- Green (92%)
- Blue (73%)



- Red (45%)
- Yellow (75%)
- Blue (92%)



- Cyan (51%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (55%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 72EBBA

FFFFFF

 ADFFF2

 CAFFFF

 E8FFFF

 72EBBA

 54CE9F

 32B285

 00976C

 007D53

 00633C

 004A26

 003211

 001B00

 000000

 72EBBA

 72EBBA

 5BEBB0

 8AEBC4

 43EBA7

 A1EBCD

 2CEB9D

 B9EBD7

 14EB94

 D0EBE0

 00EB8C

 E8EBEA

 FFEBF3

 FFEbfd

 FFEbFF

Harmonies

Analogous

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



ACE492



72EBBA



1AEDE8

Triad

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



72EBBA



B4D3FF



FFBB9A

Complementary

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



72EBBA



EB72A3

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.



FFB2C2



72EBBA



F3C2FF

Square

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



72EBBA



61E1FF



FFB5F0



FFCA7F

Rectangle

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



72EBBA



00EBFF



FFB5F0



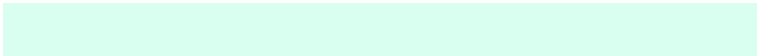
FFB7A6

Sweetspot

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



72EBBA



D9FFF0



A4EB72



698076



000000



808080

Same Dimension

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



72EBBA



61FFBF



72E1EB



6A7571



00B56C



003620

Inverse Universe

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



EB72A3



FF61A1



EB7C72



756A6E



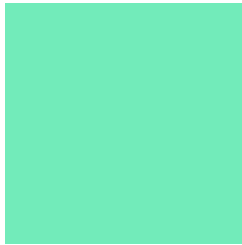
B50049



360016

Previews

White Background



This preview shows how the Hex color 72EBBA looks on a white background.

Color Contrast Check

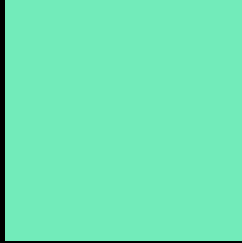
Large Text (above 18pt) WCAG AA × Fail

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 72EBBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

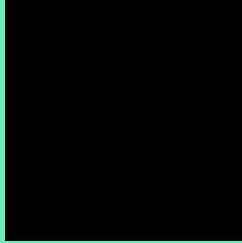
Any Text WCAG AA ✓ Pass

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 72EBBA Background



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

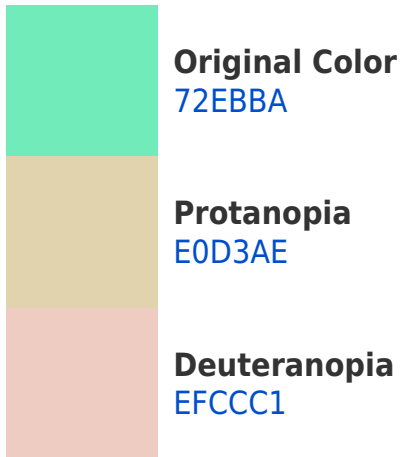


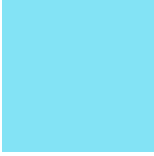
This preview shows how white text looks on a background with the Hex color 72EBBA.

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
83E3F5

Trichromacy



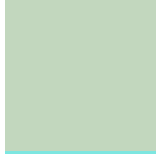
Original Color

72EBBA



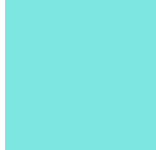
Protanomaly

B8DCB2



Deuteranomaly

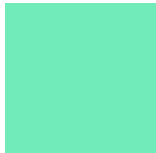
C2D7BE



Tritanomaly

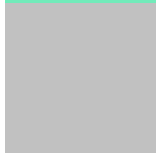
7DE6E0

Monochromacy



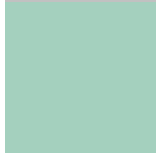
Original Color

72EBBA



Achromatopsia

C1C1C1



Achromatomaly

A4D0BE

CSS Examples

Text

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

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

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 #72EBBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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