

Converting Colors

Hex(72BBFF)

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

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Color

Hex(72BBFF)

Conversions

Conversions Part 1

Format	Color
Hex	72BBFF
RGB	114, 187, 255
RGB Percent	45%, 73%, 100%
CMY	0.5529, 0.2667, 0.0000
CMYK	0.55, 0.27, 0.00, 0.00
HSL	209°, 100%, 72%
HSV	209°, 55%, 100%
XYZ	42.7598, 46.3381, 101.2982
YIQ	172.9250, -65.3360, 5.6720

Conversions

Conversions Part 2

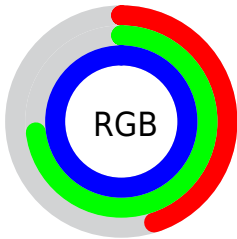
Format	Color
RYB	114, 162, 255
Decimal	7519231
CIELab	73.76, -3.79, -40.48
CIELCh	74, 40.655, 264.644
Yxy	46.3381, 0.2246, 0.2434
Android (android.graphics.Color)	4285709311 (0xFF72BBFF)
YUV	172.9250, 40.4630, -51.6772
Hunter-Lab	68.0721, -7.0006, -40.5792

Details

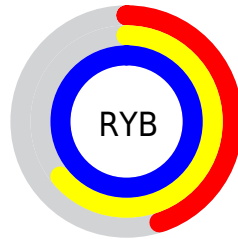
The Hex color **72BBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB672**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **AEF3FF**, and **2F86C6** is the 20% darker color. If you saturate the color by 10%, you get **59AFFF**, and if you desaturate by 10%, it is **8CC7FF**.

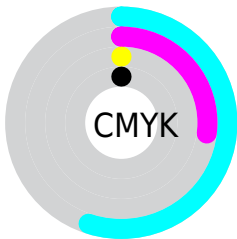
Distribution



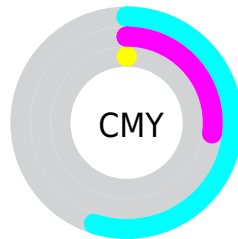
- Red (45%)
- Green (73%)
- Blue (100%)



- Red (45%)
- Yellow (64%)
- Blue (100%)



- Cyan (55%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 72BBFF

 72BBFF

FFFFFF

 53A0E2

 AEF3FF

 2F86C6

 CCFFFF

 006DAA

 EAFFFF

 005590

 003E76

 00295D

 001445

 00042E

 000118

■ 72BBFF

■ 72BBFF

■ 59AFFF

■ 8CC7FF

■ 3FA2FF

■ A5D4FF

■ 2596FF

■ BFE0FF

■ 0C8AFF

■ D8ECFF

■ 0084FF

■ F2F8FF

FFFFFF

Harmonies

Analogous

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



26C4F1



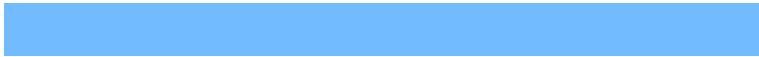
72BBFF



B0AEF9

Triad

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



72BBFF



FD9A98



83C589

Complementary

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



72BBFF



FFB672

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.



AEBC70



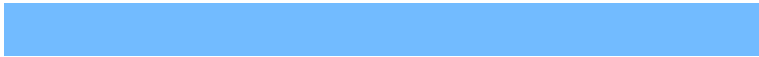
72BBFF



F0A47A

Square

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



72BBFF



F899BE



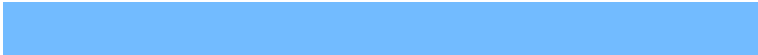
D4B16A



4FC9AD

Rectangle

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



72BBFF



D1A5EB



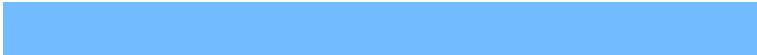
D4B16A



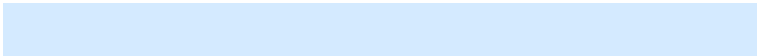
92C27F

Sweetspot

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



72BBFF



D4EAFF



72FFB4



667380



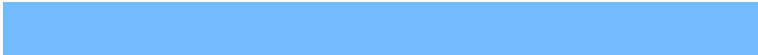
000000



808080

Same Dimension

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



72BBFF



57AEFF



7277FF



737980



0063BF



002140

Inverse Universe

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



FF72BB



FF57AE



FFFA72



807379



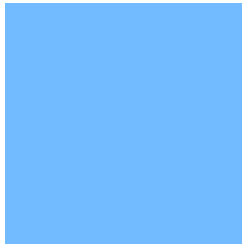
BF0063



400021

Previews

White Background



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

Color Contrast Check

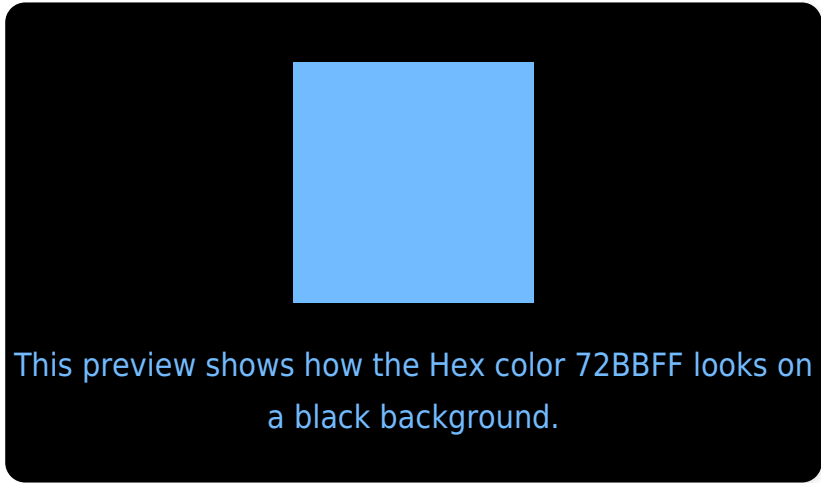
Large Text (above 18pt) WCAG AA × Fail

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

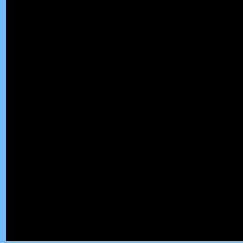
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

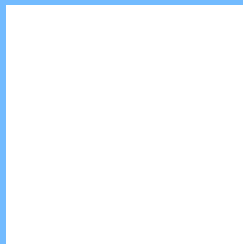
Any Text WCAG AAA ✓ Pass

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

Hex 72BBFF Background



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



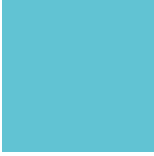
This preview shows how white text looks on a background with the Hex color 72BBFF.

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](#).

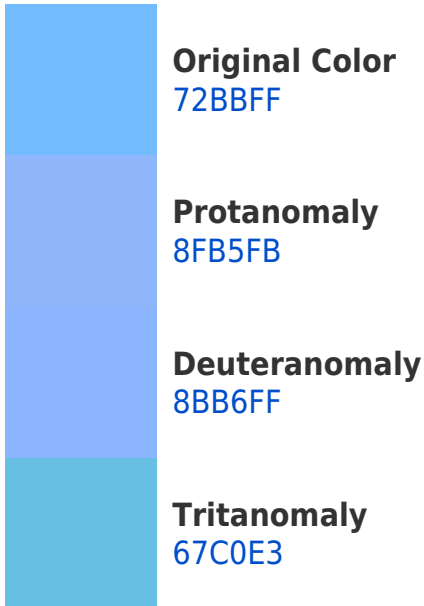
Dichromacy



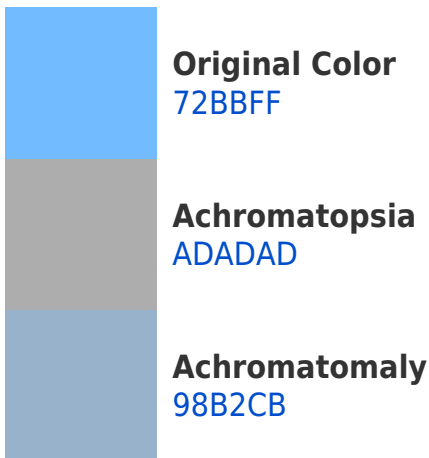


Tritanopia
61C3D3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #72BBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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