

Converting Colors

Hex(72AEFE)

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

Hex(72AEFE)	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(72AEFE)

Conversions

Conversions Part 1

Format	Color
Hex	72AEFE
RGB	114, 174, 254
RGB Percent	45%, 68%, 100%
CMY	0.5529, 0.3176, 0.0039
CMYK	0.55, 0.31, 0.00, 0.00
HSL	214°, 99%, 72%
HSV	214°, 55%, 100%
XYZ	39.9649, 41.0053, 99.5744
YIQ	165.1800, -61.4400, 12.1600

Conversions

Conversions Part 2

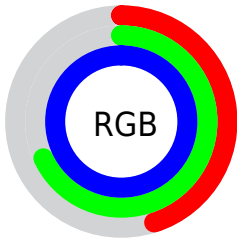
Format	Color
RYB	114, 156, 254
Decimal	7515902
CIELab	70.18, 3.12, -45.54
CIELCh	70, 45.651, 273.920
Yxy	41.0053, 0.2214, 0.2271
Android (android.graphics.Color)	4285705982 (0xFF72AEFE)
YUV	165.1800, 43.7883, -44.8849
Hunter-Lab	64.0354, -0.6589, -47.3706

Details

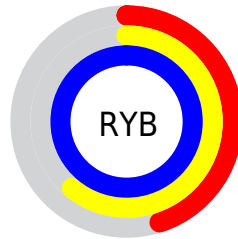
The Hex color **72AEFE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FEC272**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AEE5FF**, and **307AC5** is the 20% darker color. If you saturate the color by 10%, you get **599FFE**, and if you desaturate by 10%, it is **8BBD FE**.

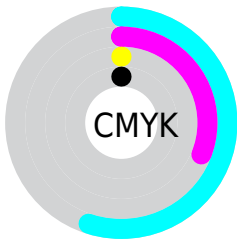
Distribution



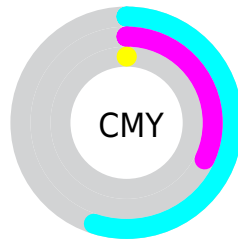
- Red (45%)
- Green (68%)
- Blue (100%)



- Red (45%)
- Yellow (61%)
- Blue (100%)



- Cyan (55%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 72AEFE

 72AEFE

FFFFFF

 5394E1

 AEE5FF

 307AC5

 CBFFFF

 0061A9

 E9FFFF

 004A8F

 003475

 00205B

 000644

 00032C

 000117

 72AEFE

 72AEFE

 599FFE

 8BBDFE

 3F91FE

 A5CBFE

 2682FE

 BEDAFE

 0C74FE

 D8E8FE

 006DFE

 F1F7FE

FFFFFFE

Harmonies

Analogous

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



00B9F5



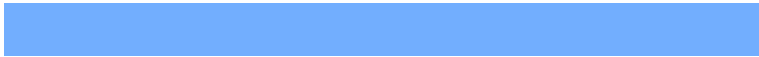
72AEFE



B79FF1

Triad

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



72AEFE



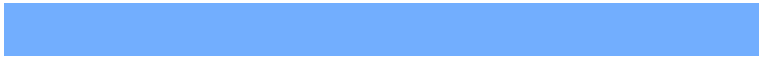
F78F7F



5FBE86

Complementary

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



72AEFE



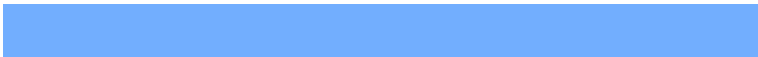
FEC272

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.



94B765



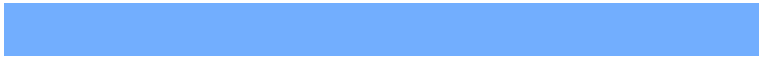
72AEFE



E29C62

Square

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



72AEFE



F98AA8



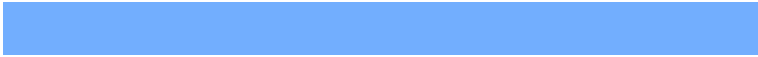
C0AB57



00C1B0

Rectangle

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



72AEFE



D794DD



C0AB57



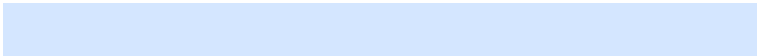
73BC79

Sweetspot

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



72AEFE



D4E6FF



72FEC1



667180



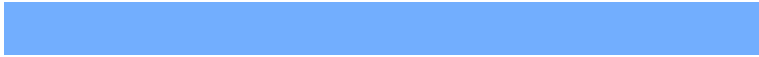
000000



808080

Same Dimension

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



72AEFE



579FFF



7B72FE



737880



0052BF



001B40

Inverse Universe

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



FE72AE



FF579F



F5FE72



807378



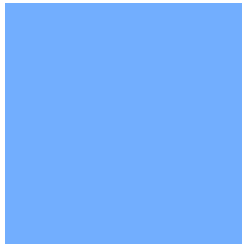
BF0052



40001B

Previews

White Background



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

Color Contrast Check

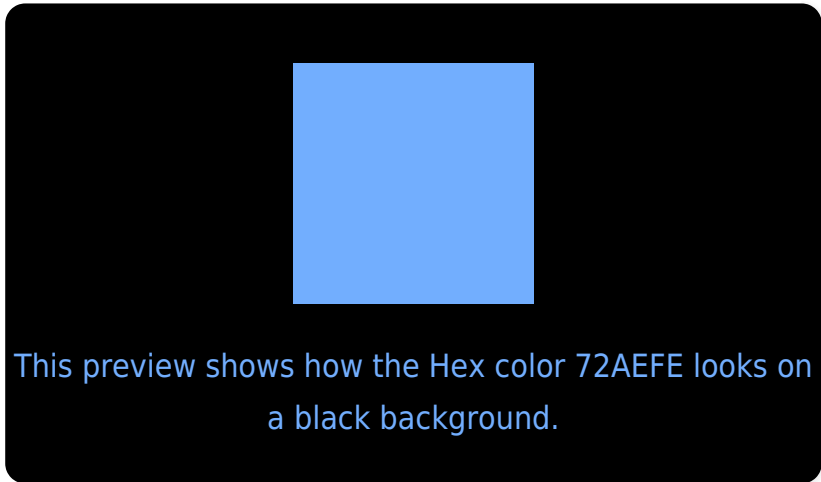
Large Text (above 18pt) WCAG AA × Fail

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

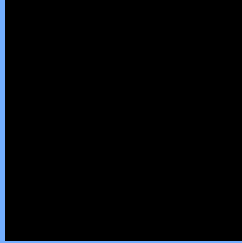
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

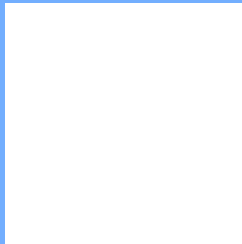
Any Text WCAG AAA ✓ Pass

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

Hex 72AEFE Background



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

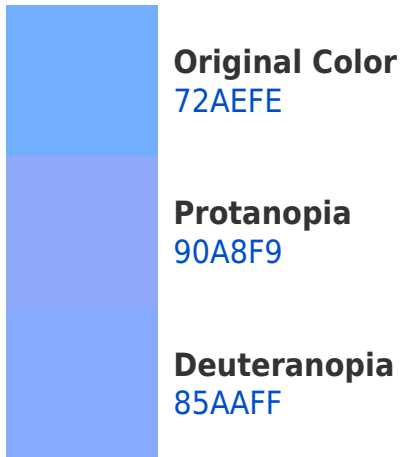


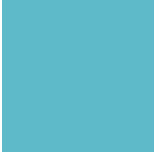
This preview shows how white text looks on a background with the Hex color 72AEFE.

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](#).

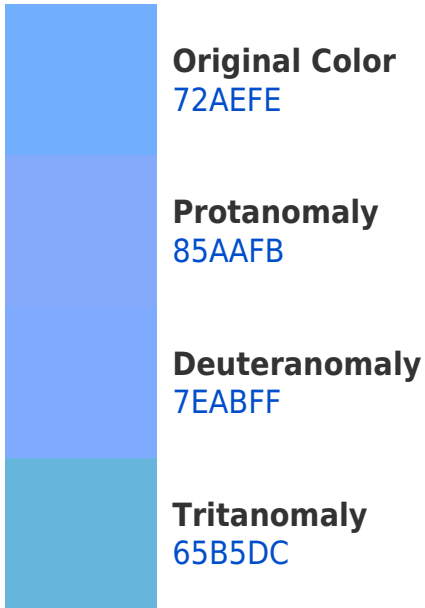
Dichromacy



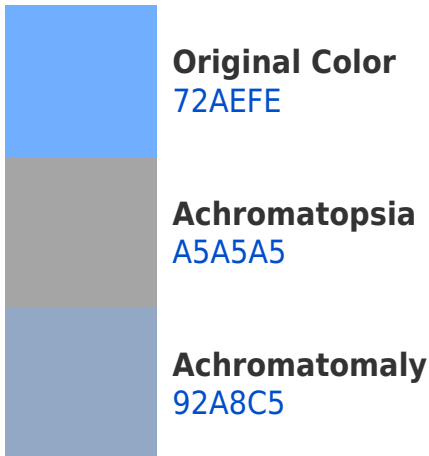


Tritanopia
5EB9C8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #72AEFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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