

Converting Colors

Hex(42BFE6)

Have a look what the booklet for
Hex(42BFE6) contains.

Hex(42BFE6)	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(42BFE6)

Conversions

Conversions Part 1

Format	Color
Hex	42BFE6
RGB	66, 191, 230
RGB Percent	26%, 75%, 90%
CMY	0.7412, 0.2510, 0.0980
CMYK	0.71, 0.17, 0.00, 0.10
HSL	194°, 77%, 58%
HSV	194°, 71%, 90%
XYZ	35.1605, 44.1330, 81.5283
YIQ	158.0710, -87.0190, -14.3710

Conversions

Conversions Part 2

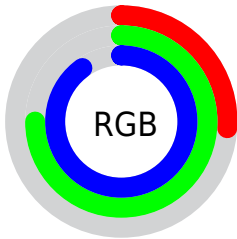
Format	Color
R _Y B	66, 137, 230
Decimal	4374502
CIE _{Lab}	72.32, -21.75, -29.34
CIE _{LCh}	72, 36.523, 233.453
Y _{xy}	44.1330, 0.2186, 0.2744
Android (android.graphics.Color)	4282564582 (0xFF42BFE6)
Y _{UV}	158.0710, 35.4610, -80.7463
Hunter-Lab	66.4327, -21.7834, -26.2597

Details

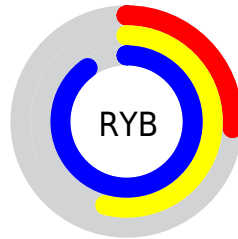
The Hex color **42BFE6** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **E66942**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **86F8FF**, and **0089AE** is the 20% darker color. If you saturate the color by 10%, you get **2BBAE6**, and if you desaturate by 10%, it is **59C4E6**.

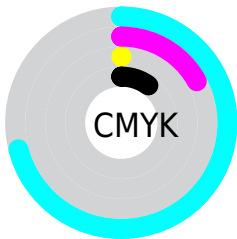
Distribution



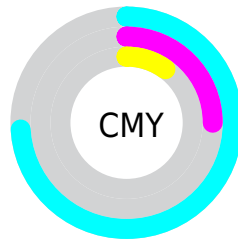
- Red (26%)
- Green (75%)
- Blue (90%)



- Red (26%)
- Yellow (54%)
- Blue (90%)



- Cyan (71%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (74%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42BFE6 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 42BFE6 by changing the saturation by 10% instead.

 42BFE6

 42BFE6

FFFFFF

 06A4CA

 86F8FF

 0089AE

 A5FFFF

 007094

 C3FFFF

 00577A

 E2FFFF

 004061

 002949

 001232

 00021D

 000000

 42BFE6

 42BFE6

 2BBAE6

 59C4E6

 14B4E6

 70CAE6

 00AFE6

 87CFE6

 9ED5E6

 B5DAE6

 CCE0E6

 E3E5E6

 FAE6E6

 FFF0E6

Harmonies

Analogous

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



37C3CB



42BFE6



76B7F3

Triad

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



42BFE6



ED98BA



ADB773

Complementary

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



42BFE6



E66942

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.



CEAD6F



42BFE6



F39998

Square

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



42BFE6



D5A0D9



E7A17D



86BF89

Rectangle

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



42BFE6



9AAFF2



E7A17D



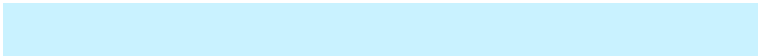
B9B470

Sweetspot

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



42BFE6



C9F2FF



42E668



607880



000000



808080

Same Dimension

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



42BFE6



24CBFF



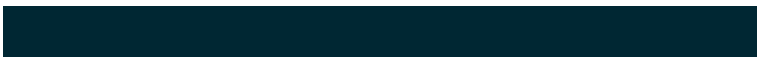
426EE6



677073



0088B3



002733

Inverse Universe

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



E642BF



FF24CB



E6BA42



736770



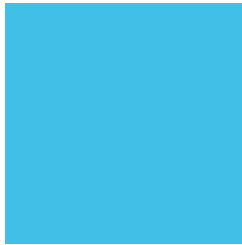
B30088



330027

Previews

White Background



This preview shows how the Hex color 42BFE6 looks on a white background.

Color Contrast Check

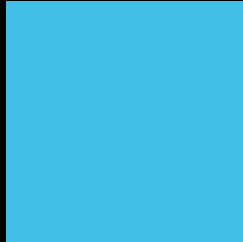
Large Text (above 18pt) WCAG AA × Fail

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 42BFE6 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 42BFE6 Background



This preview shows how black text looks on a background with the Hex color 42BFE6.

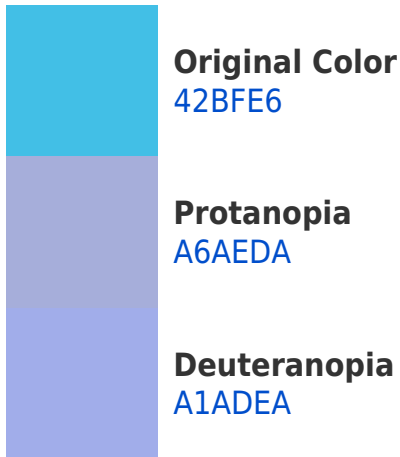


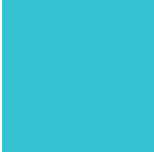
This preview shows how white text looks on a background with the Hex color 42BFE6.

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](#).

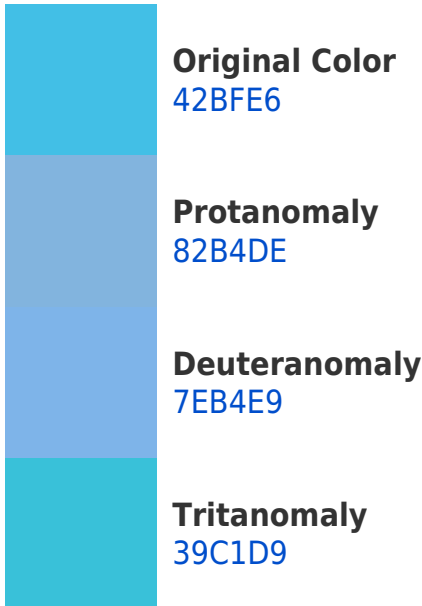
Dichromacy



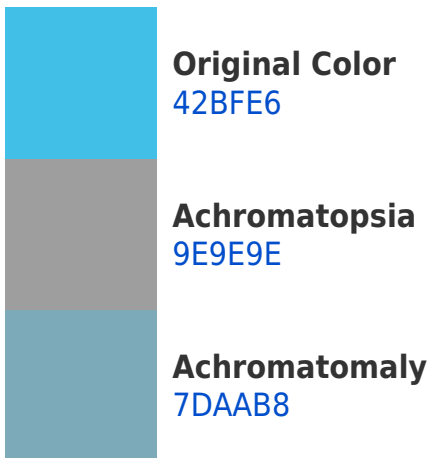


Tritanopia
34C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42BFE6 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 #42BFE6 looks like.

```
.text, #text, p{  
    color:#42BFE6  
}
```

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 #42BFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42BFE6
}
```

Border

The CSS property to change the border of an element to Hex 42BFE6 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
#42BFE6 }
```

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

```
.border{ border-color:#42BFE6 }
```

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

Here you see how a box with a 4 pixel #42BFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42BFE6; -webkit-box-shadow:4px 4px  
4px 4px #42BFE6; box-shadow:4px 4px 4px  
4px #42BFE6 }
```

Background

The CSS property to change the background color of an element to Hex 42BFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42BFE6 }
```

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

```
.background{ background-color:#42BFE6 }
```

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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