

Converting Colors

Hex(438CED)

Have a look what the booklet for
Hex(438CED) contains.

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Color

Hex(438CED)

Conversions

Conversions Part 1

Format	Color
Hex	438CED
RGB	67, 140, 237
RGB Percent	26%, 55%, 93%
CMY	0.7373, 0.4510, 0.0706
CMYK	0.72, 0.41, 0.00, 0.07
HSL	214°, 83%, 60%
HSV	214°, 72%, 93%
XYZ	26.9789, 26.0639, 83.7297
YIQ	129.2310, -74.6450, 14.6910

Conversions

Conversions Part 2

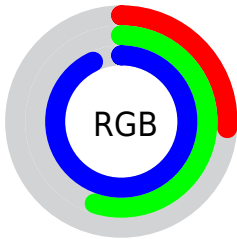
Format	Color
R_{YB}	67, 118, 237
Decimal	4426989
CIE _{Lab}	58.10, 9.21, -55.48
CIE _{LCh}	58, 56.238, 279.428
Yxy	26.0639, 0.1973, 0.1906
Android (android.graphics.Color)	4282617069 (0xFF438CED)
YUV	129.2310, 53.1301, -54.5766
Hunter-Lab	51.0528, 4.9860, -61.5022

Details

The Hex color **438CED** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **EDA443**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **86C1FF**, and **005BB4** is the 20% darker color. If you saturate the color by 10%, you get **2B7EED**, and if you desaturate by 10%, it is **5B9AED**.

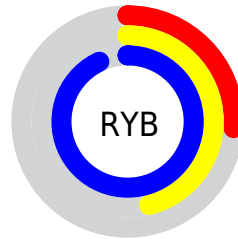
Distribution



Red (26%)

Green (55%)

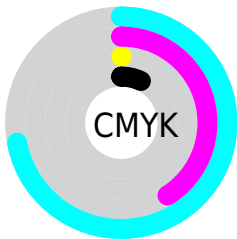
Blue (93%)



Red (26%)

Yellow (46%)

Blue (93%)

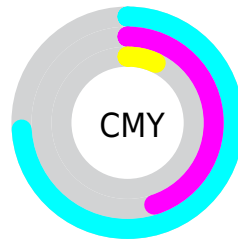


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (7%)



Cyan (74%)

Magenta (45%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438CED 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 438CED by changing the saturation by 10% instead.

 438CED

 438CED

FFFFFF

 0C73D0

 86C1FF

 005BB4

 A5DDFF

 004499

 C3F9FF

 002F7F


 E2FFFF

 001C65

 00094C

 000535

 00021F

 000001

■ 438CED

■ 438CED

■ 2B7EED

■ 5B9AED

■ 1471ED

■ 72A7ED

■ 0066ED

■ 8AB5ED

■ A2C2ED

■ BAD0ED

■ D1DDED

■ E9EBED

■ FFF8ED

■ FFFFED

Harmonies

Analogous

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



009AE7



438CED



A278D8

Triad

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



438CED



DD6950



00A167

Complementary

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



438CED



EDA443

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.



629A3A



438CED



C17D2B

Square

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



438CED



E55D7E



978E1F



00A39A

Rectangle

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



438CED



C66ABE



978E1F



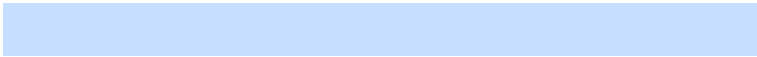
2A9F57

Sweetspot

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



438CED



C7DFFF



43EDA3



5E6D80



000000



808080

Same Dimension

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



438CED



2482FF



4E43ED



6A6F75



004EB5



001736

Inverse Universe

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



ED438C



FF2482



E2ED43



756A6F



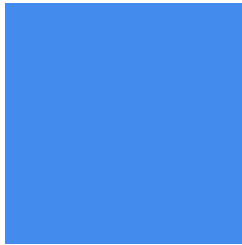
B5004E



360017

Previews

White Background



This preview shows how the Hex color 438CED looks on a white background.

Color Contrast Check

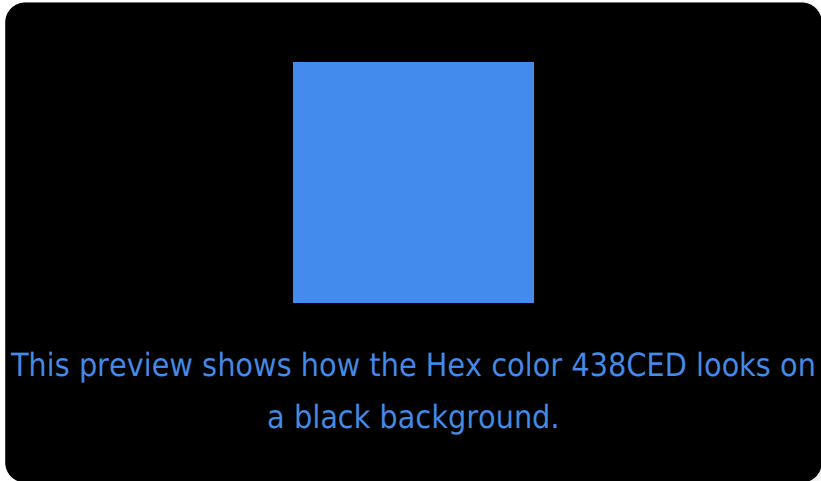
Large Text (above 18pt) WCAG AA ✓ Pass

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

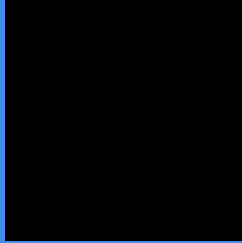
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

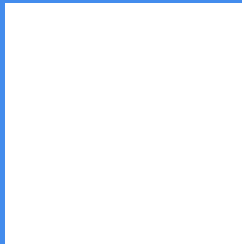
Any Text WCAG AAA × Fail

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

Hex 438CED Background



This preview shows how black text looks on a background with the Hex color 438CED.

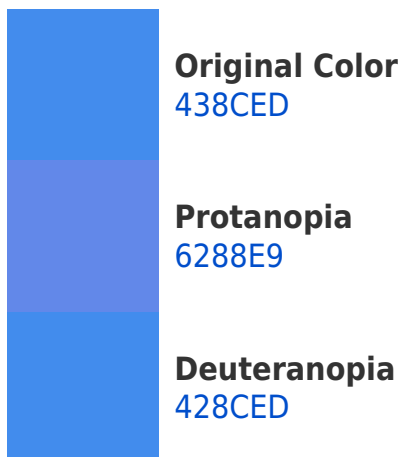


This preview shows how white text looks on a background with the Hex color 438CED.

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](#).

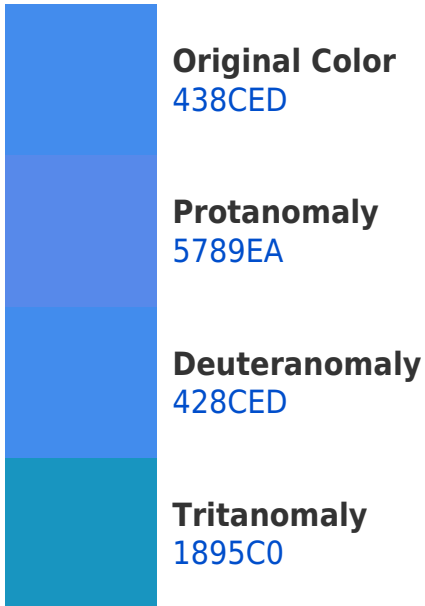
Dichromacy



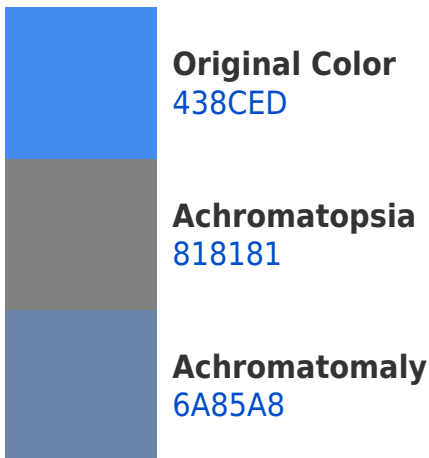


Tritanopia
009AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 438CED 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 #438CED looks like.

```
.text, #text, p{  
    color:#438CED  
}
```

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 #438CED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438CED
}
```

Border

The CSS property to change the border of an element to Hex 438CED 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
#438CED }
```

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

```
.border{ border-color:#438CED }
```

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

Here you see how a box with a 4 pixel #438CED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438CED; -webkit-box-shadow:4px 4px  
4px 4px #438CED; box-shadow:4px 4px 4px  
4px #438CED }
```

Background

The CSS property to change the background color of an element to Hex 438CED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438CED }
```

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

```
.background{ background-color:#438CED }
```

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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