

Converting Colors

Decimal(4637439)

Have a look what the booklet for
Decimal(4637439) contains.

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Color

Decimal(4637439)

Conversions

Conversions Part 1

Format	Color
Hex	46C2FF
RGB	70, 194, 255
RGB Percent	27%, 76%, 100%
CMY	0.7255, 0.2392, 0.0000
CMYK	0.73, 0.24, 0.00, 0.00
HSL	200°, 100%, 64%
HSV	200°, 73%, 100%
XYZ	39.8676, 47.1057, 101.5988
YIQ	163.8780, -93.4850, -7.3170

Conversions

Conversions Part 2

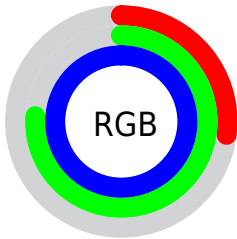
Format	Color
R_{YB}	70, 144, 255
Decimal	4637439
CIE _{Lab}	74.26, -14.76, -39.82
CIE _{LCh}	74, 42.468, 249.663
Yxy	47.1057, 0.2114, 0.2498
Android (android.graphics.Color)	4282827519 (0xFF46C2FF)
YUV	163.8780, 44.9231, -82.3310
Hunter-Lab	68.6336, -16.4224, -39.7240

Details

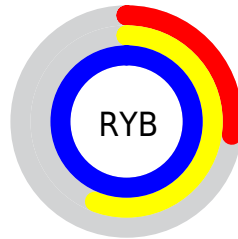
The Decimal color **4637439** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **16745286**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **9239295**, and **36038** is the 20% darker color. If you saturate the color by 10%, you get **2996991**, and if you desaturate by 10%, it is **6343423**.

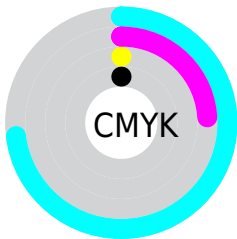
Distribution



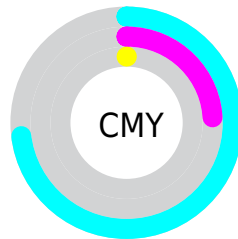
- Red (27%)
- Green (76%)
- Blue (100%)



- Red (27%)
- Yellow (56%)
- Blue (100%)



- Cyan (73%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4637439 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 Decimal color 4637439 by changing the saturation by 10% instead.

4637439

4637439

16777215

436194

9239295

36038

11272191

29611

13369343

23184

15400959

17270

11613

6725

1070

280

■ 4637439

■ 4637439

■ 2996991

■ 6343423

■ 1290751

■ 7984127

■ 44031

■ 9690111

■ 11330815

■ 13036799

■ 14677247

■ 16383487

16777215

Harmonies

Analogous

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



51687



4637439



9615103

Triad

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



4637439



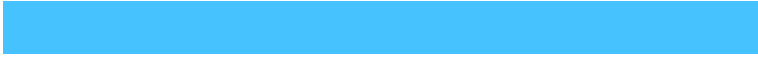
16750763



10077049

Complementary

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



4637439



16745286

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.



12826728



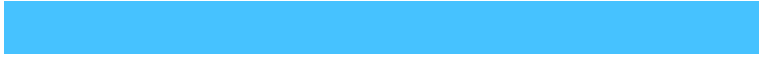
4637439



16621191

Square

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



4637439



15899859



15117166



6801818

Rectangle

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



4637439



12234234



15117166



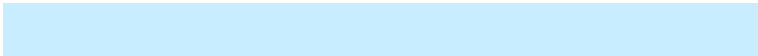
11059313

Sweetspot

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



4637439



13102591



4652929



6190464



0



8421504

Same Dimension

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



4637439



2209535



4614399



7568256



32959



11072

Inverse Universe

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



16729794



16720310



16768326



8418171



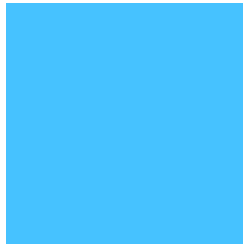
12517504



4194347

Previews

White Background



This preview shows how the Decimal color 4637439 looks on a white background.

Color Contrast Check

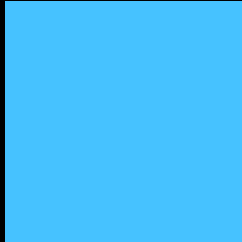
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 4637439 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

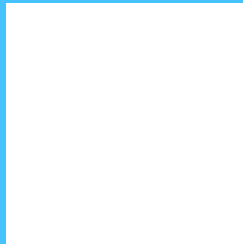
Any Text WCAG AAA ✓ Pass

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

Decimal 4637439 Background



This preview shows how black text looks on a background with the Decimal color 4637439.

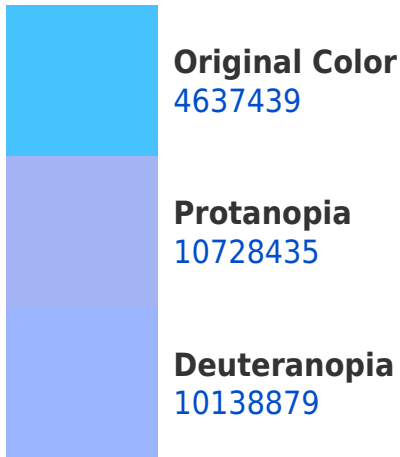


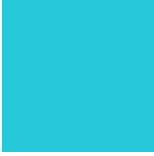
This preview shows how white text looks on a background with the Decimal color 4637439.

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



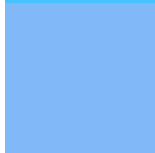


Tritanopia
2542041

Trichromacy



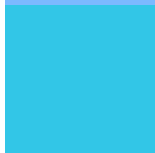
Original Color
4637439



Protanomaly
8501495



Deuteranomaly
8108543



Tritanomaly
3327719

Monochromacy



Original Color
4637439



Achromatopsia
10790052



Achromatomaly
8564677

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4637439 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 #46C2FF looks like.

```
.text, #text, p{  
  color:#46C2FF  
}
```

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 #46C2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C2FF
}
```

Border

The CSS property to change the border of an element to Decimal 4637439 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
#46C2FF }
```

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

```
.border{ border-color:#46C2FF }
```

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

Here you see how a box with a 4 pixel #46C2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C2FF; -webkit-box-shadow:4px 4px  
4px 4px #46C2FF; box-shadow:4px 4px 4px  
4px #46C2FF }
```

Background

The CSS property to change the background color of an element to Decimal 4637439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C2FF }
```

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

```
.background{ background-color:#46C2FF }
```

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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