

Converting Colors

Decimal(4637940)

Have a look what the booklet for
Decimal(4637940) contains.

Decimal(4637940)	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

Decimal(4637940)

Conversions

Conversions Part 1

Format	Color
Hex	46C4F4
RGB	70, 196, 244
RGB Percent	27%, 77%, 96%
CMY	0.7255, 0.2314, 0.0431
CMYK	0.71, 0.20, 0.00, 0.04
HSL	197°, 89%, 62%
HSV	197°, 71%, 96%
XYZ	38.5948, 47.3136, 92.6862
YIQ	163.7980, -90.5040, -11.7840

Conversions

Conversions Part 2

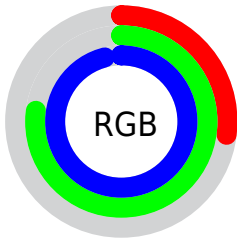
Format	Color
R _{YB}	70, 143, 244
Decimal	4637940
CIE _{Lab}	74.39, -19.36, -33.70
CIE _{LCh}	74, 38.865, 240.128
Yxy	47.3136, 0.2161, 0.2649
Android (android.graphics.Color)	4282828020 (0xFF46C4F4)
YUV	163.7980, 39.5396, -82.2608
Hunter-Lab	68.7849, -20.2181, -31.7426

Details

The Decimal color **4637940** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **16021062**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **9108991**, and **36540** is the 20% darker color. If you saturate the color by 10%, you get **3063284**, and if you desaturate by 10%, it is **6212596**.

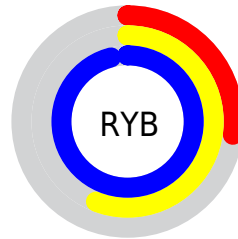
Distribution



Red (27%)

Green (77%)

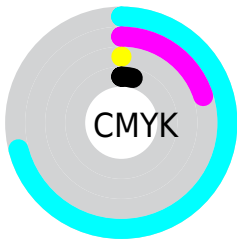
Blue (96%)



Red (27%)

Yellow (56%)

Blue (96%)

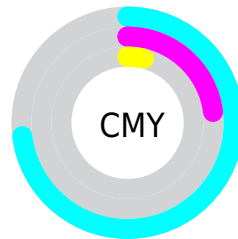


Cyan (71%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (73%)

Magenta (23%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4637940 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 4637940 by changing the saturation by 10% instead.

 4637940

 4637940

16777215

 895447

 9108991

 36540

 11206655

 30112

 13238271

 23686

 15269887

 17517

 11860

 6973

 806

 272

■ 4637940

■ 4637940

■ 3063284

■ 6212596

■ 1423348

■ 7852532

■ 45556

■ 9427188

■ 11067380

■ 12642036

■ 14216436

■ 15856628

■ 16775924

■ 16777204

Harmonies

Analogous

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



2476506



4637940



8698622

Triad

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



4637940



16423864



11124856

Complementary

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



4637940



16021062

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.



13546863



4637940



16490133

Square

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



4637940



14983899



15444090



8374162

Rectangle

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



4637940



11186938



15444090



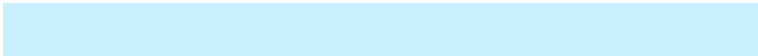
11975795

Sweetspot

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



4637940



13234431



4650100



6322048



0



8421504

Same Dimension

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



4637940



2409471



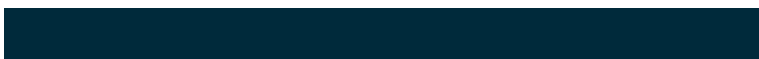
4616180



7239546



34746



10811

Inverse Universe

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



16008900



16721091



16042822



8023671



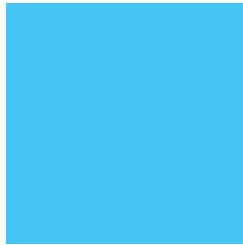
12189831



3866666

Previews

White Background



This preview shows how the Decimal color 4637940 looks on a white background.

Color Contrast Check

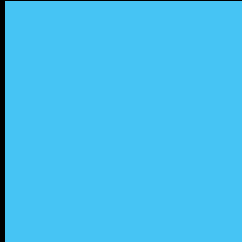
Large Text (above 18pt) WCAG AA × Fail

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 4637940 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 4637940 Background



This preview shows how black text looks on a background with the Decimal color 4637940.

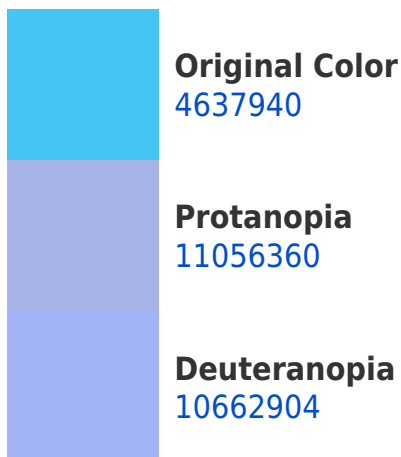


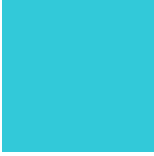
This preview shows how white text looks on a background with the Decimal color 4637940.

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
3328473

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4637940 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 #46C4F4 looks like.

```
.text, #text, p{  
    color:#46C4F4  
}
```

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 #46C4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C4F4
}
```

Border

The CSS property to change the border of an element to Decimal 4637940 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
#46C4F4 }
```

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

```
.border{ border-color:#46C4F4 }
```

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

Here you see how a box with a 4 pixel #46C4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C4F4; -webkit-box-shadow:4px 4px  
4px 4px #46C4F4; box-shadow:4px 4px 4px  
4px #46C4F4 }
```

Background

The CSS property to change the background color of an element to Decimal 4637940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C4F4 }
```

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

```
.background{ background-color:#46C4F4 }
```

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