

Converting Colors

Decimal(46572)

Have a look what the booklet for
Decimal(46572) contains.

Decimal(46572)	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(46572)

Conversions

Conversions Part 1

Format	Color
Hex	00B5EC
RGB	0, 181, 236
RGB Percent	0%, 71%, 93%
CMY	1.0000, 0.2902, 0.0745
CMYK	1.00, 0.23, 0.00, 0.07
HSL	194°, 100%, 46%
HSV	194°, 100%, 93%
XYZ	31.6642, 39.1039, 85.2358
YIQ	133.1510, -125.5310, -21.2670

Conversions

Conversions Part 2

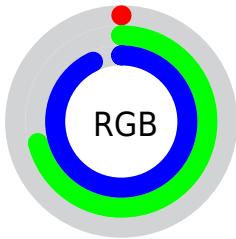
Format	Color
RYB	0, 102, 236
Decimal	46572
CIELab	68.83, -19.02, -38.07
CIELCh	69, 42.558, 243.458
Yxy	39.1039, 0.2030, 0.2507
Android (android.graphics.Color)	4278236652 (0xFF00B5EC)
YUV	133.1510, 50.7046, -116.7734
Hunter-Lab	62.5331, -19.0478, -37.0421

Details

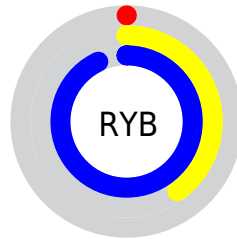
The Decimal color **46572** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **15480576**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **7204351**, and **32948** is the 20% darker color. If you saturate the color by 10%, you get **46572**, and if you desaturate by 10%, it is **1620972**.

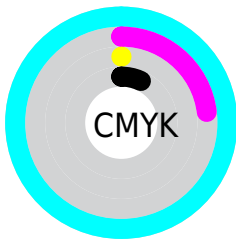
Distribution



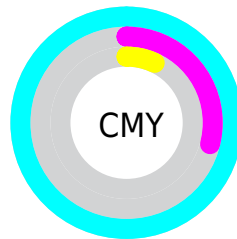
- Red (0%)
- Green (71%)
- Blue (93%)



- Red (0%)
- Yellow (40%)
- Blue (93%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)

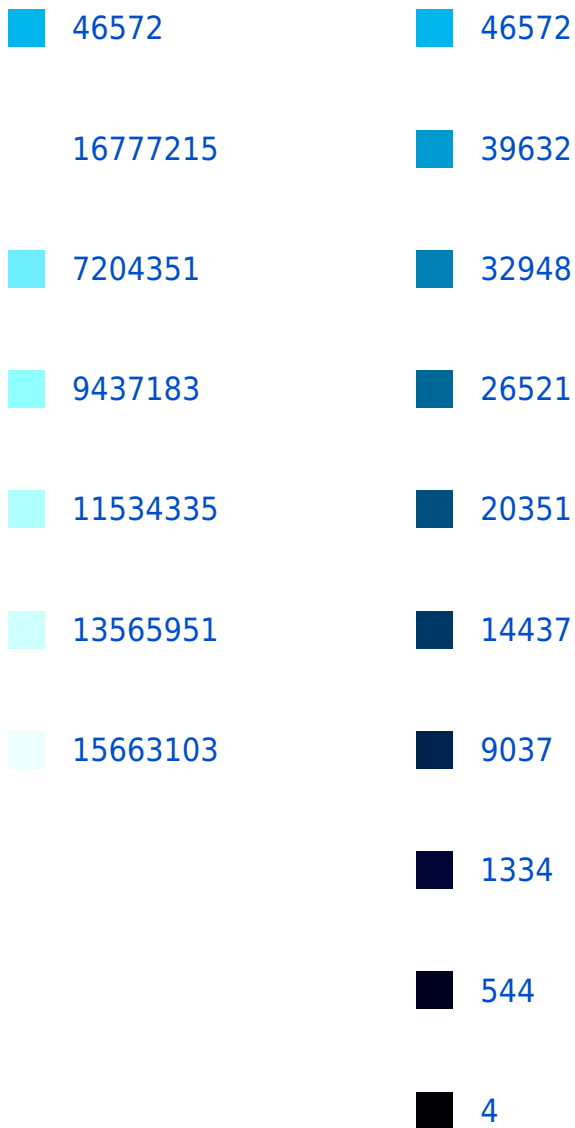


- Cyan (100%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 46572 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 46572 by changing the saturation by 10% instead.



■ 46572

■ 1620972

■ 3129580

■ 4703724

■ 6212588

■ 7786732

■ 9361132

■ 10869740

■ 12444140

■ 13952748

Harmonies

Analogous

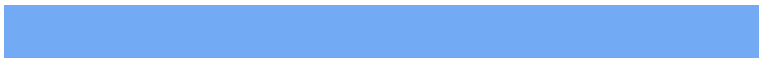
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48081



46572



7580404

Triad

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



46572



15763877



9679462

Complementary

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



46572



15480576

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.



12363610



46572



15699583

Square

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



46572



14454731



14457444



6535556

Rectangle

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



46572



10461679



14457444



10661727

Sweetspot

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



46572



11791871



60467



5404032



0



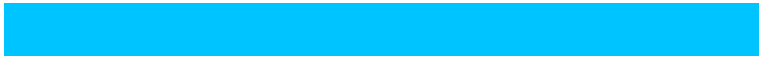
8421504

Same Dimension

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



46572



50431



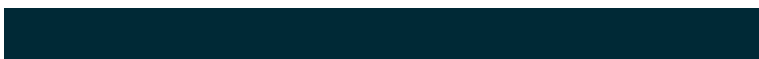
17388



6976373



35765



10550

Inverse Universe

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



15466677



16711876



15509760



7694963



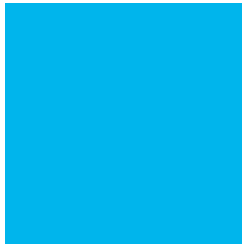
11862155



3538985

Previews

White Background



This preview shows how the Decimal color 46572 looks on a white background.

Color Contrast Check

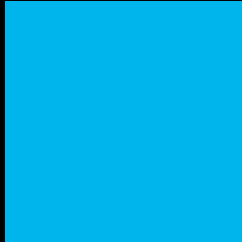
Large Text (above 18pt) WCAG AA × Fail

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 46572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

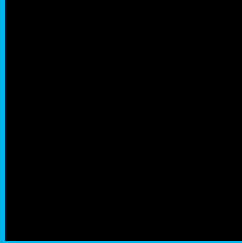
Any Text WCAG AA ✓ Pass

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 46572 Background



This preview shows how black text looks on a background with the Decimal color 46572.



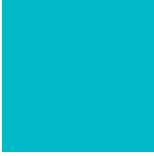
This preview shows how white text looks on a background with the Decimal color 46572.

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](#).

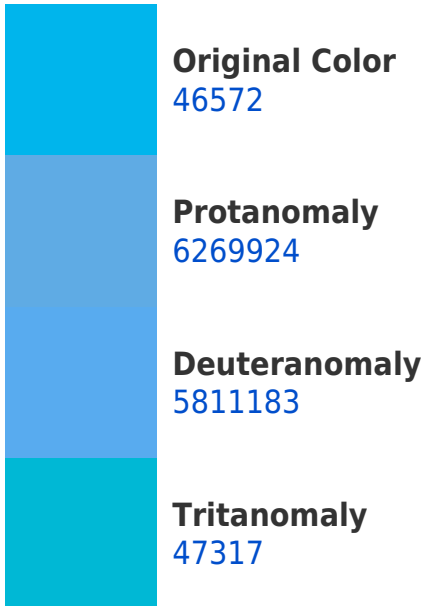
Dichromacy





Tritanopia
47816

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 46572 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 #00B5EC looks like.

```
.text, #text, p{  
    color:#00B5EC  
}
```

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 #00B5EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5EC
}
```

Border

The CSS property to change the border of an element to Decimal 46572 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
#00B5EC }
```

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

```
.border{ border-color:#00B5EC }
```

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

Here you see how a box with a 4 pixel #00B5EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5EC; -webkit-box-shadow:4px 4px  
4px 4px #00B5EC; box-shadow:4px 4px 4px  
4px #00B5EC }
```

Background

The CSS property to change the background color of an element to Decimal 46572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5EC }
```

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

```
.background{ background-color:#00B5EC }
```

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