

# Converting Colors

Decimal(4372445)

Have a look what the booklet for  
Decimal(4372445) contains.

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# **Color**

**Decimal(4372445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42B7DD
RGB	66, 183, 221
RGB Percent	26%, 72%, 87%
CMY	0.7412, 0.2824, 0.1333
CMYK	0.70, 0.17, 0.00, 0.13
HSL	195°, 70%, 56%
HSV	195°, 70%, 87%
XYZ	32.2314, 40.2457, 74.4760
YIQ	152.3490, -81.9300, -12.9860

# Conversions

## Conversions Part 2

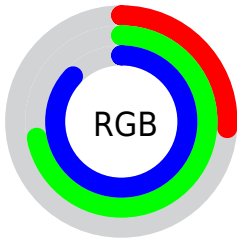
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 133, 221
Decimal	4372445
CIELab	69.64, -20.48, -28.56
CIELCh	70, 35.142, 234.346
Yxy	40.2457, 0.2193, 0.2739
Android (android.graphics.Color)	4282562525 (0xFF42B7DD)
YUV	152.3490, 33.8449, -75.7281
Hunter-Lab	63.4395, -20.3294, -25.1970

# Details

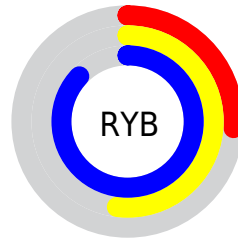
The Decimal color **4372445** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **14510146**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **8712191**, and **33446** is the 20% darker color. If you saturate the color by 10%, you get **2929373**, and if you desaturate by 10%, it is **5815517**.

# Distribution



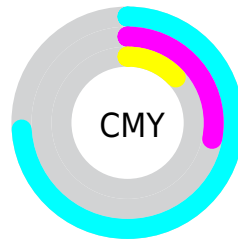
- Red (26%)
- Green (72%)
- Blue (87%)



- Red (26%)
- Yellow (52%)
- Blue (87%)



- Cyan (70%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



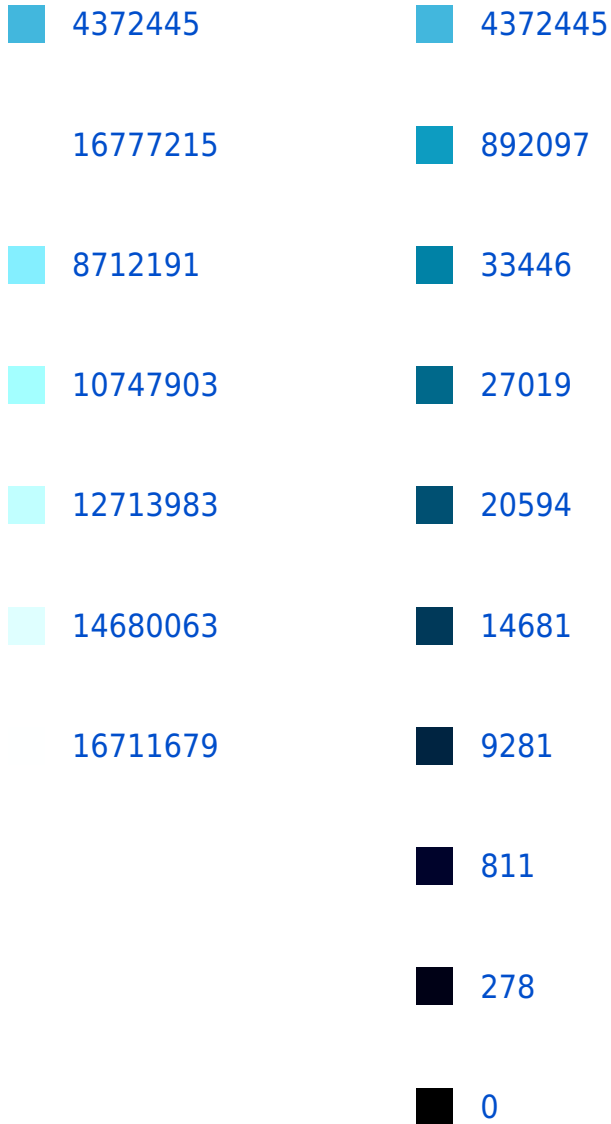
- Cyan (74%)
- Magenta (28%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4372445 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 4372445 by changing the saturation by 10% instead.





■ 4372445

■ 4372445

■ 2929373

■ 5815517

■ 1486045

■ 7258845

■ 42973

■ 8701917

■ 10145245

■ 11653853

■ 13097181

■ 14540253

■ 15983325

■ 16771293

# Harmonies

## Analogous

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



3587011



4372445



7581673

# Triad

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



4372445



14979761



10858607

# Complementary

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



4372445



14510146

# 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.



12953195



4372445



15307665

# Square

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



4372445



13474256



14523255



8435588

# Rectangle

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



4372445



9873640



14523255



11578732

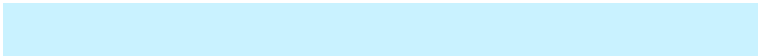


# Sweetspot

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



4372445



13234943



4382054



6322304



0



8421504



# Same Dimension

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



4372445



2738943



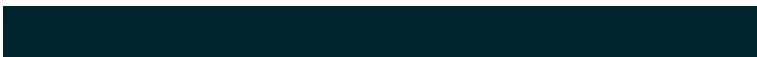
4352989



6515566



33709



9006



# Inverse Universe

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



14500535



16722378



14529602



7234411



11337859

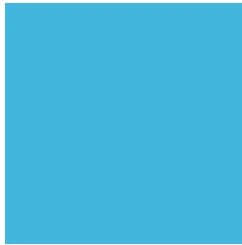


3014691



# Previews

## White Background



This preview shows how the Decimal color 4372445 looks on a white background.

## Color Contrast Check

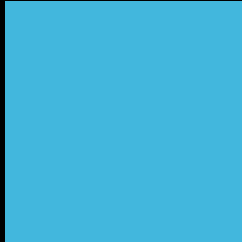
Large Text (above 18pt) WCAG AA × Fail

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 4372445 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 4372445 Background



This preview shows how black text looks on a background with the Decimal color 4372445.



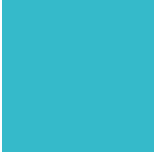
This preview shows how white text looks on a background with the Decimal color 4372445.

# 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**  
3521226

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4372445 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 #42B7DD looks like.

```
.text, #text, p{  
    color:#42B7DD  
}
```

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 #42B7DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42B7DD
}
```

## Border

The CSS property to change the border of an element to Decimal 4372445 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
#42B7DD }
```

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

```
.border{ border-color:#42B7DD }
```

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

Here you see how a box with a 4 pixel #42B7DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42B7DD; -webkit-box-shadow:4px 4px  
4px 4px #42B7DD; box-shadow:4px 4px 4px  
4px #42B7DD }
```

# Background

The CSS property to change the background color of an element to Decimal 4372445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42B7DD }
```

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

```
.background{ background-color:#42B7DD }
```

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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