

# Converting Colors

Decimal(8045536)

Have a look what the booklet for  
Decimal(8045536) contains.

<b>Decimal(8045536)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(8045536)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AC3E0
RGB	122, 195, 224
RGB Percent	48%, 76%, 88%
CMY	0.5216, 0.2353, 0.1216
CMYK	0.46, 0.13, 0.00, 0.12
HSL	197°, 62%, 68%
HSV	197°, 46%, 88%
XYZ	40.9957, 48.5496, 77.7313
YIQ	176.4790, -52.8170, -6.4570

# Conversions

## Conversions Part 2

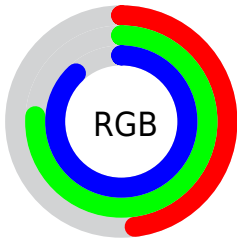
Format	Color
R <sub>Y</sub> B	122, 165, 224
Decimal	8045536
CIE Lab	75.17, -15.20, -21.56
CIE LCh	75, 26.376, 234.818
Yxy	48.5496, 0.2451, 0.2902
Android (android.graphics.Color)	4286235616 (0xFF7AC3E0)
YUV	176.4790, 23.4279, -47.7781
Hunter-Lab	69.6775, -16.9129, -17.3688

# Details

The Decimal color **8045536** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **14718842**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **11795711**, and **4230569** is the 20% darker color. If you saturate the color by 10%, you get **6602208**, and if you desaturate by 10%, it is **9488864**.

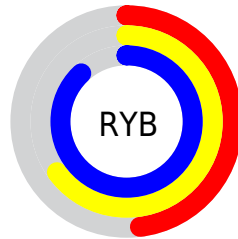
# Distribution



Red (48%)

Green (76%)

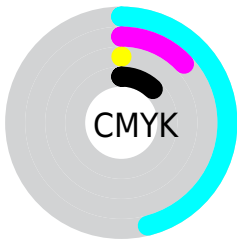
Blue (88%)



Red (48%)

Yellow (65%)

Blue (88%)

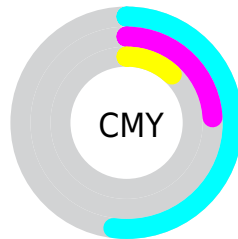


Cyan (46%)

Magenta (13%)

Yellow (0%)

Black (12%)



Cyan (52%)

Magenta (24%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8045536 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 8045536 by changing the saturation by 10% instead.



8045536

8045536

16777215

6203588

11795711

4230569

13697023

2061454

15597567

23413

17244

11588

6702

281

0

8045536

8045536

6602208

9488864

5093088

10997984

3649760

12441312

2140896

13950176

697312

15393760

41184

16771552

16773344

16774880

16776416

# Harmonies

## Analogous

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



7521997



8045536



9879017

# Triad

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



8045536



15116478



11976333

# Complementary

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



8045536



14718842

# 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.



13612681



8045536



15444390

# Square

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



8045536



13937877



14855826



10142876

# Rectangle

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



8045536



11319272



14855826



12565386

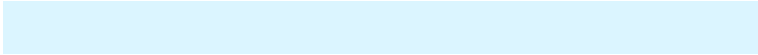


# Sweetspot

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



8045536



14415359



8052887



6977920



0



8421504

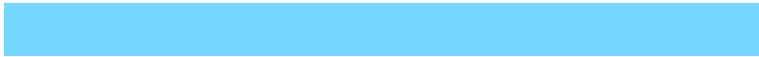


# Same Dimension

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



8045536



7591935



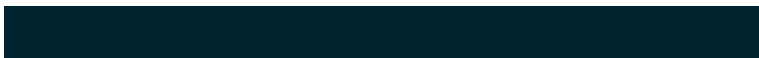
8032480



6647152



32432



9008



# Inverse Universe

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



14711491



16741335



14731898



7365997



11534462

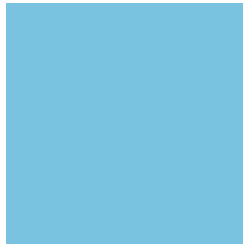


3145763



# Previews

## White Background



This preview shows how the Decimal color 8045536 looks on a white background.

## Color Contrast Check

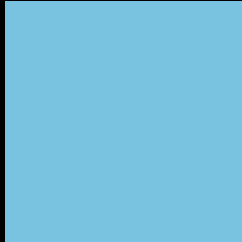
Large Text (above 18pt) WCAG AA × Fail

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 8045536 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 8045536 Background



This preview shows how black text looks on a background with the Decimal color 8045536.



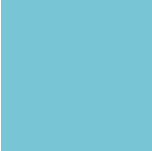
This preview shows how white text looks on a background with the Decimal color 8045536.

# 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](#).

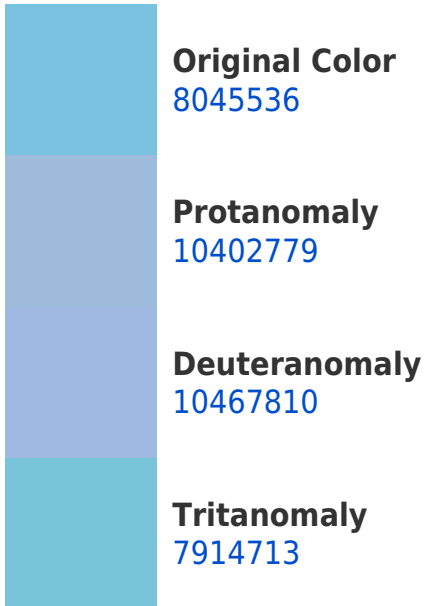
## Dichromacy



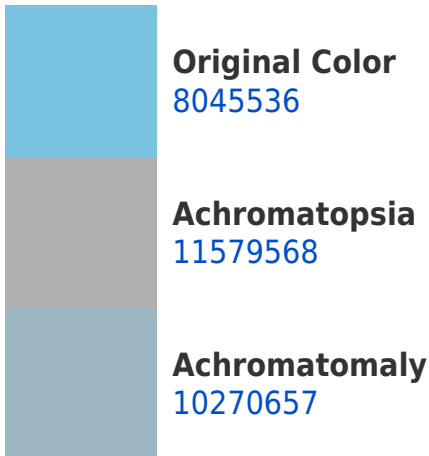


**Tritanopia**  
7849429

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8045536 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 #7AC3E0 looks like.

```
.text, #text, p{  
    color:#7AC3E0  
}
```

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 #7AC3E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC3E0
}
```

## Border

The CSS property to change the border of an element to Decimal 8045536 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
#7AC3E0 }
```

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

```
.border{ border-color:#7AC3E0 }
```

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

Here you see how a box with a 4 pixel #7AC3E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC3E0; -webkit-box-shadow:4px 4px  
4px 4px #7AC3E0; box-shadow:4px 4px 4px  
4px #7AC3E0 }
```

# Background

The CSS property to change the background color of an element to Decimal 8045536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC3E0 }
```

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

```
.background{ background-color:#7AC3E0 }
```

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