

# Converting Colors

Decimal(8237270)

Have a look what the booklet for  
Decimal(8237270) contains.

<b>Decimal(8237270)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(8237270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DB0D6
RGB	125, 176, 214
RGB Percent	49%, 69%, 84%
CMY	0.5098, 0.3098, 0.1608
CMYK	0.42, 0.18, 0.00, 0.16
HSL	206°, 52%, 66%
HSV	206°, 42%, 84%
XYZ	36.1204, 40.2657, 69.4866
YIQ	165.0830, -42.5940, 1.0060

# Conversions

## Conversions Part 2

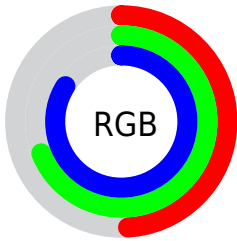
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	125, 157, 214
Decimal	8237270
CIE <sub>Lab</sub>	69.66, -7.05, -24.50
CIE <sub>LCh</sub>	70, 25.498, 253.948
Y <sub>xy</sub>	40.2657, 0.2476, 0.2760
Android (android.graphics.Color)	4286427350 (0xFF7DB0D6)
YUV	165.0830, 24.1161, -35.1528
Hunter-Lab	63.4552, -9.4398, -20.5068

# Details

The Decimal color **8237270** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **14066557**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **11921663**, and **4619423** is the 20% darker color. If you saturate the color by 10%, you get **6858710**, and if you desaturate by 10%, it is **9615830**.

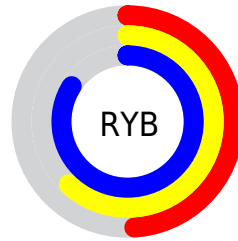
# Distribution



Red (49%)

Green (69%)

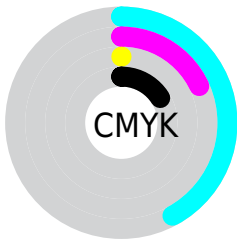
Blue (84%)



Red (49%)

Yellow (62%)

Blue (84%)

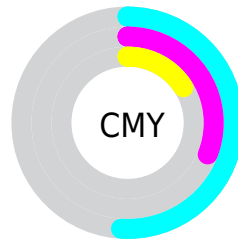


Cyan (42%)

Magenta (18%)

Yellow (0%)

Black (16%)



Cyan (51%)

Magenta (31%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8237270 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 8237270 by changing the saturation by 10% instead.



■ 8237270

■ 8237270

16777215

■ 6460858

■ 11921663

■ 4619423

■ 13762559

■ 2777989

■ 15663103

■ 19308

■ 13395

■ 7996

■ 806

■ 271

■ 0

8237270

8237270

6858710

9615830

5414614

11059926

4036054

12438486

2591702

13882838

1213142

15261398

31702

16639958

16773334

16775638

16777174

# Harmonies

## Analogous

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



6862281



8237270



10332631

# Triad

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



8237270



14260640



9876104

# Complementary

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



8237270



14066557

# 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.



11578493



8237270



13999499

# Square

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



8237270



13671352



13018238



8173213

# Rectangle

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



8237270



11707344



13018238



10465667



# Sweetspot

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



8237270



14742271



8246946



7239808



0



8421504

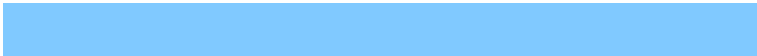


# Same Dimension

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



8237270



8440319



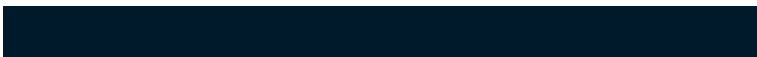
8226006



6317931



25259



6443



# Inverse Universe

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



14056880



16744649



14077821



7037031



11206754



2818073



# Previews

## White Background



This preview shows how the Decimal color 8237270 looks on a white background.

## Color Contrast Check

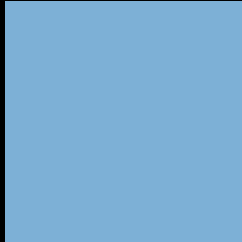
Large Text (above 18pt) WCAG AA × Fail

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 8237270 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 8237270 Background



This preview shows how black text looks on a background with the Decimal color 8237270.

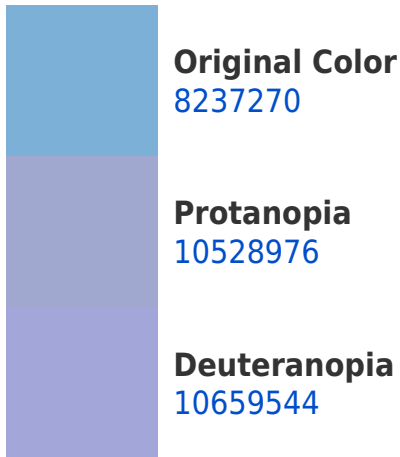


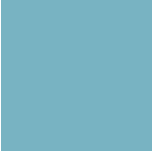
This preview shows how white text looks on a background with the Decimal color 8237270.

# 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**  
7910338

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8237270 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 #7DB0D6 looks like.

```
.text, #text, p{  
    color:#7DB0D6  
}
```

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 #7DB0D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB0D6
}
```

## Border

The CSS property to change the border of an element to Decimal 8237270 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
#7DB0D6 }
```

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

```
.border{ border-color:#7DB0D6 }
```

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

Here you see how a box with a 4 pixel #7DB0D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB0D6; -webkit-box-shadow:4px 4px  
4px 4px #7DB0D6; box-shadow:4px 4px 4px  
4px #7DB0D6 }
```

# Background

The CSS property to change the background color of an element to Decimal 8237270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB0D6 }
```

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

```
.background{ background-color:#7DB0D6 }
```

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