

# Converting Colors

Decimal(8237272)

Have a look what the booklet for  
Decimal(8237272) contains.

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# **Color**

**Decimal(8237272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DB0D8
RGB	125, 176, 216
RGB Percent	49%, 69%, 85%
CMY	0.5098, 0.3098, 0.1529
CMYK	0.42, 0.19, 0.00, 0.15
HSL	206°, 54%, 67%
HSV	206°, 42%, 85%
XYZ	36.3775, 40.3685, 70.8404
YIQ	165.3110, -43.2360, 1.6280

# Conversions

## Conversions Part 2

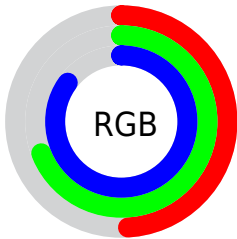
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 158, 216
Decimal	8237272
CIELab	69.73, -6.51, -25.49
CIELCh	70, 26.307, 255.678
Yxy	40.3685, 0.2465, 0.2735
Android (android.graphics.Color)	4286427352 (0xFF7DB0D8)
YUV	165.3110, 24.9897, -35.3527
Hunter-Lab	63.5362, -8.9888, -21.6306

# Details

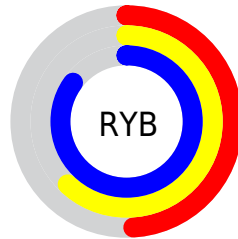
The Decimal color **8237272** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **14198141**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **11921663**, and **4619425** is the 20% darker color. If you saturate the color by 10%, you get **6793176**, and if you desaturate by 10%, it is **9681368**.

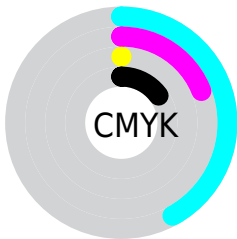
# Distribution



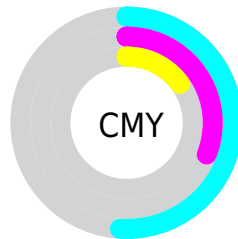
- Red (49%)
- Green (69%)
- Blue (85%)



- Red (49%)
- Yellow (62%)
- Blue (85%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



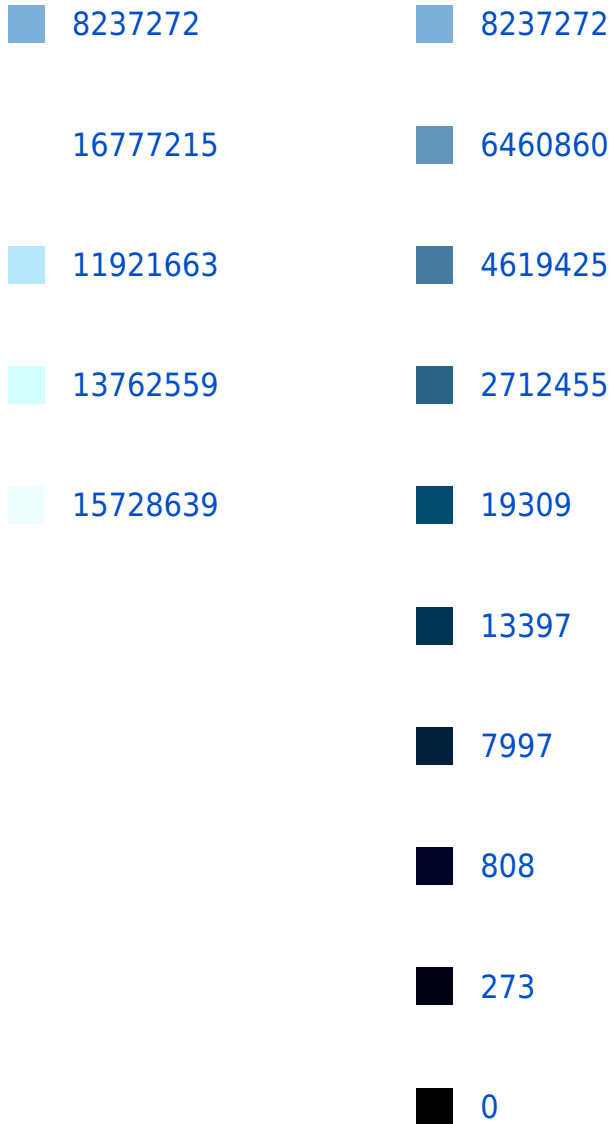
- Cyan (51%)
- Magenta (31%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8237272 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 8237272 by changing the saturation by 10% instead.





■ 8237272

■ 8237272

■ 6793176

■ 9681368

■ 5414360

■ 11060184

■ 3970264

■ 12504280

■ 2591448

■ 13883096

■ 1147352

■ 15327192

■ 31192

■ 16771544

■ 16773848

■ 16776408

■ 16777176

# Harmonies

## Analogous

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



6731212



8237272



10397912

# Triad

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



8237272



14391711



9745288

# Complementary

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



8237272



14198141

# 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.



11513212



8237272



14065033

# Square

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



8237272



13867703



13018493



7976862

# Rectangle

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



8237272



11838417



13018493



10334595

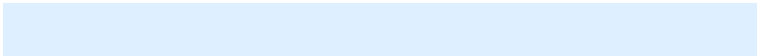


# Sweetspot

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



8237272



14610687



8247460



7042944



0



8421504

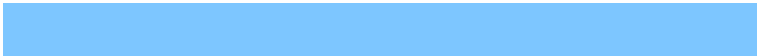


# Same Dimension

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



8237272



8242943



8225752



6317675



24747



6187



# Inverse Universe

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



14187952



16743878



14209661



7037030



11206752



2818072



# Previews

## White Background



This preview shows how the Decimal color 8237272 looks on a white background.

## Color Contrast Check

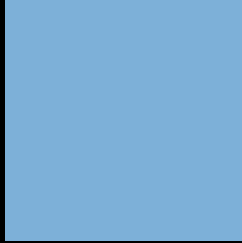
Large Text (above 18pt) WCAG AA × Fail

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 8237272 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 8237272 Background



This preview shows how black text looks on a background with the Decimal color 8237272.



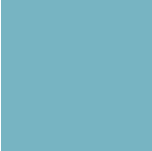
This preview shows how white text looks on a background with the Decimal color 8237272.

# 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**  
7845058

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8237272 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 #7DB0D8 looks like.

```
.text, #text, p{  
    color:#7DB0D8  
}
```

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 #7DB0D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB0D8
}
```

## Border

The CSS property to change the border of an element to Decimal 8237272 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
#7DB0D8 }
```

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

```
.border{ border-color:#7DB0D8 }
```

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

Here you see how a box with a 4 pixel #7DB0D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB0D8; -webkit-box-shadow:4px 4px  
4px 4px #7DB0D8; box-shadow:4px 4px 4px  
4px #7DB0D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 8237272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB0D8 }
```

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

```
.background{ background-color:#7DB0D8 }
```

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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