

# Converting Colors

Decimal(8237300)

Have a look what the booklet for  
Decimal(8237300) contains.

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# **Color**

**Decimal(8237300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DB0F4
RGB	125, 176, 244
RGB Percent	49%, 69%, 96%
CMY	0.5098, 0.3098, 0.0431
CMYK	0.49, 0.28, 0.00, 0.04
HSL	214°, 84%, 72%
HSV	214°, 49%, 96%
XYZ	40.3119, 41.9423, 91.5590
YIQ	168.5030, -52.2240, 10.3360

# Conversions

## Conversions Part 2

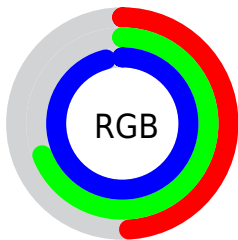
Format	Color
<a href="#">RYB</a>	<a href="#">125, 161, 244</a>
Decimal	<a href="#">8237300</a>
CIELab	<a href="#">70.83, 1.39, -39.07</a>
CIELCh	<a href="#">71, 39.091, 272.043</a>
Yxy	<a href="#">41.9423, 0.2319, 0.2413</a>
Android (android.graphics.Color)	<a href="#">4286427380 (0xFF7DB0F4)</a>
YUV	<a href="#">168.5030, 37.2200, -38.1521</a>
Hunter-Lab	<a href="#">64.7629, -2.2270, -38.4876</a>

# Details

The Decimal color **8237300** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **16040317**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **12052479**, and **4357307** is the 20% darker color. If you saturate the color by 10%, you get **6660852**, and if you desaturate by 10%, it is **9813748**.

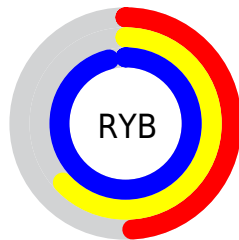
# Distribution



Red (49%)

Green (69%)

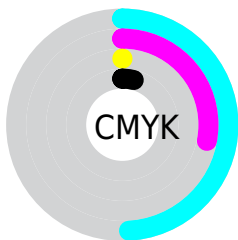
Blue (96%)



Red (49%)

Yellow (63%)

Blue (96%)

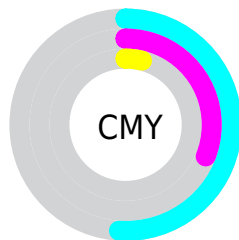


Cyan (49%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (51%)

Magenta (31%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8237300 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 8237300 by changing the saturation by 10% instead.



■ 8237300

■ 8237300

16777215

■ 6329815

■ 12052479

■ 4357307

■ 13959167

■ 1991584

■ 15925247

■ 19334

■ 13676

■ 8531

■ 2108

■ 549

■ 270

■ 8237300

■ 8237300

■ 6660852

■ 9813748

■ 5018868

■ 11455732

■ 3442420

■ 13032180

■ 1800436

■ 14674164

■ 223988

■ 16250612

■ 27124

■ 16777204

# Harmonies

## Analogous

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



3848939



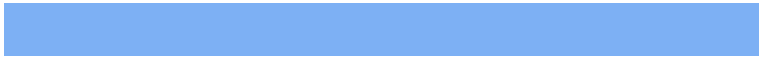
8237300



11838442

# Triad

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



8237300



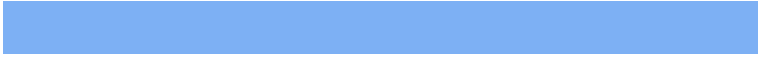
15832457



7519627

# Complementary

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



8237300



16040317

# 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.



10335856



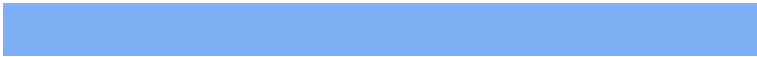
8237300



14721135

# Square

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



8237300



15765932



12758117



4178095

# Rectangle

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



8237300



13736921



12758117



8502144

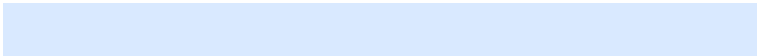


# Sweetspot

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



8237300



14281215



8254656



6910592



0

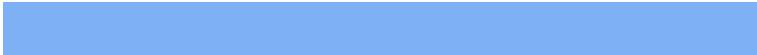


8421504

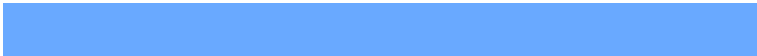


# Same Dimension

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



8237300



6924799



8748532



7238522



20666



6459



# Inverse Universe

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



16022960



16738729



15529085



8023667



12189776

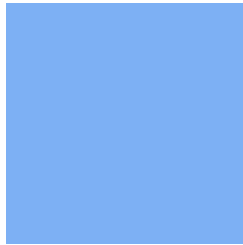


3866649



# Previews

## White Background



This preview shows how the Decimal color 8237300 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 8237300 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

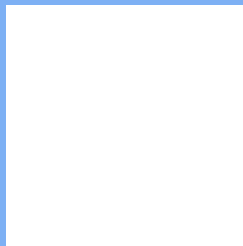
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8237300 Background



This preview shows how black text looks on a background with the Decimal color 8237300.



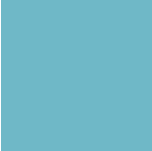
This preview shows how white text looks on a background with the Decimal color 8237300.

# 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](#).

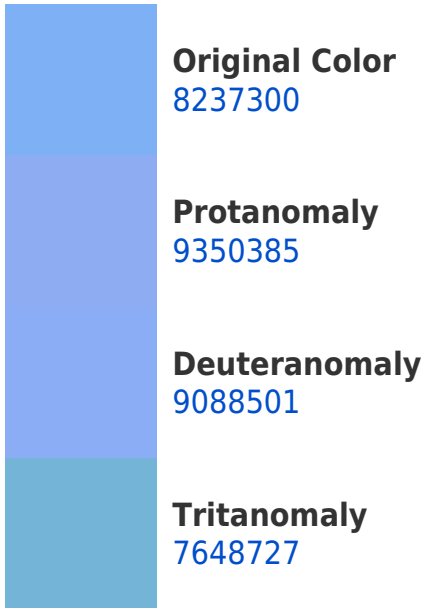
## Dichromacy



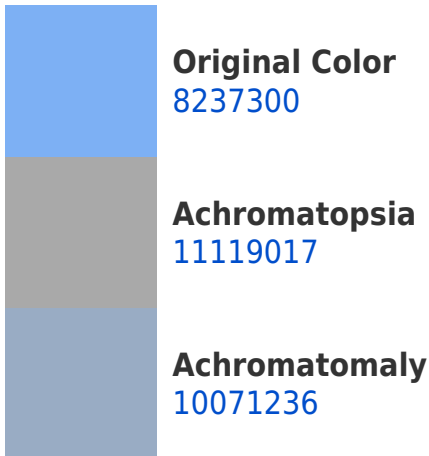


**Tritanopia**  
7321799

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8237300 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 #7DB0F4 looks like.

```
.text, #text, p{  
    color:#7DB0F4  
}
```

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 #7DB0F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB0F4
}
```

## Border

The CSS property to change the border of an element to Decimal 8237300 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
#7DB0F4 }
```

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

```
.border{ border-color:#7DB0F4 }
```

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

Here you see how a box with a 4 pixel #7DB0F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB0F4; -webkit-box-shadow:4px 4px  
4px 4px #7DB0F4; box-shadow:4px 4px 4px  
4px #7DB0F4 }
```

# Background

The CSS property to change the background color of an element to Decimal 8237300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB0F4 }
```

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

```
.background{ background-color:#7DB0F4 }
```

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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