

# Converting Colors

Decimal(8040400)

Have a look what the booklet for  
Decimal(8040400) contains.

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# **Color**

**Decimal(8040400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AAF00
RGB	122, 175, 208
RGB Percent	48%, 69%, 82%
CMY	0.5216, 0.3137, 0.1843
CMYK	0.41, 0.16, 0.00, 0.18
HSL	203°, 48%, 65%
HSV	203°, 41%, 82%
XYZ	34.7412, 39.3516, 65.4391
YIQ	162.9150, -42.1810, -0.9730

# Conversions

## Conversions Part 2

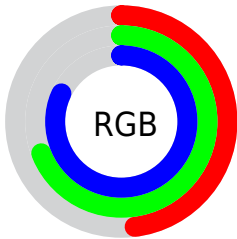
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 155, 208
Decimal	8040400
CIELab	69.01, -8.90, -22.22
CIElCh	69, 23.938, 248.161
Yxy	39.3516, 0.2490, 0.2820
Android (android.graphics.Color)	4286230480 (0xFF7AAFD0)
YUV	162.9150, 22.2269, -35.8825
Hunter-Lab	62.7308, -10.9233, -17.9381

# Details

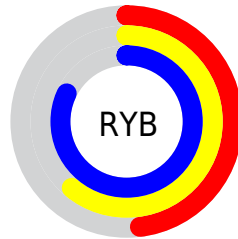
The Decimal color **8040400** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13671290**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11659263**, and **4488090** is the 20% darker color. If you saturate the color by 10%, you get **6662096**, and if you desaturate by 10%, it is **9418704**.

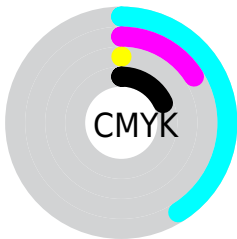
# Distribution



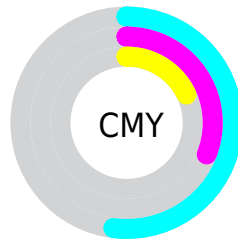
- Red (48%)
- Green (69%)
- Blue (82%)



- Red (48%)
- Yellow (61%)
- Blue (82%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (52%)
- Magenta (31%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8040400 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 8040400 by changing the saturation by 10% instead.



8040400

8040400

16777215

6263988

11659263

4488090

13565951

2581119

15466495

19046

13134

7735

546

8

0

8040400

8040400

6662096

9418704

5283792

10797008

3971024

12109776

2592720

13488080

1214416

14866384

32976

16244688

16771024

16773072

16775120

# Harmonies

## Analogous

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



6992834



8040400



9873619

# Triad

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



8040400



13932963



10137478

# Complementary

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



8040400



13671290

# 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.



11708797



8040400



13867919

# Square

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



8040400



13212601



13017729



8565656

# Rectangle

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



8040400



11183055



13017729



10726786

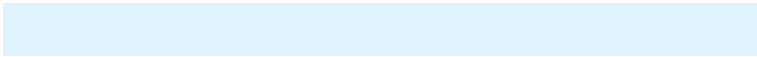


# Sweetspot

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



8040400



14742527



8048795



7240064



0



8421504

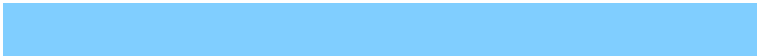


# Same Dimension

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



8040400



8441599



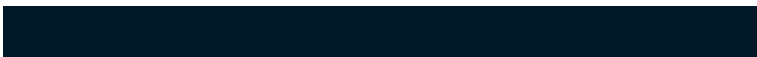
8029392



6186345



26792



6441



# Inverse Universe

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



13662895



16744654



13682298



6905445



11010152



2687001



# Previews

## White Background



This preview shows how the Decimal color 8040400 looks on a white background.

## Color Contrast Check

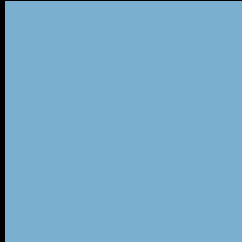
Large Text (above 18pt) WCAG AA × Fail

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 8040400 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 8040400 Background



This preview shows how black text looks on a background with the Decimal color 8040400.



This preview shows how white text looks on a background with the Decimal color 8040400.

# 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](#).

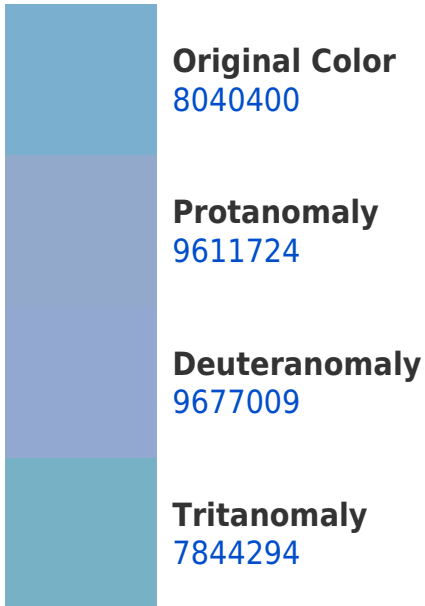
## Dichromacy



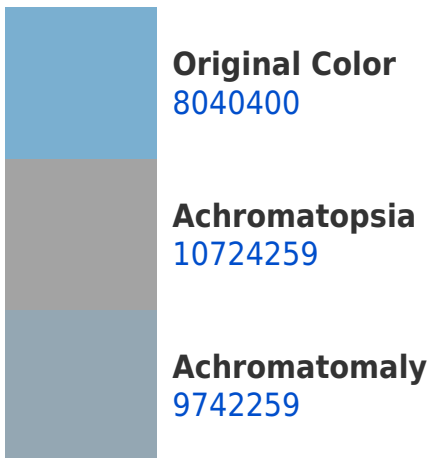


**Tritanopia**  
7779008

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8040400 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 #7AAFD0 looks like.

```
.text, #text, p{  
    color:#7AAFD0  
}
```

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 #7AAFD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AAFD0
}
```

## Border

The CSS property to change the border of an element to Decimal 8040400 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
#7AAFD0 }
```

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

```
.border{ border-color:#7AAFD0 }
```

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

Here you see how a box with a 4 pixel #7AAFD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AAFD0; -webkit-box-shadow:4px 4px  
4px 4px #7AAFD0; box-shadow:4px 4px 4px  
4px #7AAFD0 }
```

# Background

The CSS property to change the background color of an element to Decimal 8040400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AAFD0 }
```

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

```
.background{ background-color:#7AAFD0 }
```

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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