

# Converting Colors

Decimal(8040426)

Have a look what the booklet for  
Decimal(8040426) contains.

<b>Decimal(8040426)</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(8040426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AAFEA
RGB	122, 175, 234
RGB Percent	48%, 69%, 92%
CMY	0.5216, 0.3137, 0.0824
CMYK	0.48, 0.25, 0.00, 0.08
HSL	212°, 73%, 70%
HSV	212°, 48%, 92%
XYZ	38.2073, 40.7380, 83.6914
YIQ	165.8790, -50.5270, 7.1130

# Conversions

## Conversions Part 2

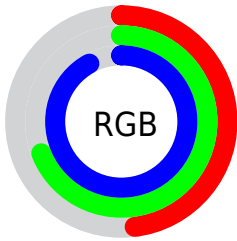
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	122, 158, 234
Decimal	8040426
CIE Lab	69.99, -1.64, -34.94
CIE LCh	70, 34.981, 267.306
Yxy	40.7380, 0.2349, 0.2505
Android (android.graphics.Color)	4286230506 (0xFF7AAFEA)
YUV	165.8790, 33.5837, -38.4819
Hunter-Lab	63.8264, -4.8437, -33.0647

# Details

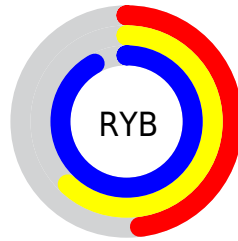
The Decimal color **8040426** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **15381882**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **11790079**, and **4225970** is the 20% darker color. If you saturate the color by 10%, you get **6530026**, and if you desaturate by 10%, it is **9550826**.

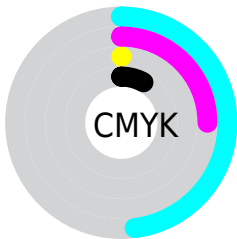
# Distribution



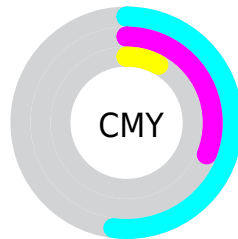
- Red (48%)
- Green (69%)
- Blue (92%)



- Red (48%)
- Yellow (62%)
- Blue (92%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (52%)
- Magenta (31%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8040426 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 8040426 by changing the saturation by 10% instead.



8040426

8040426

16777215

6132942

11790079

4225970

13697023

1925783

15663103

19069

13412

8011

1333

543

1

■ 8040426

■ 8040426

■ 6530026

■ 9550826

■ 4953834

■ 11127018

■ 3443434

■ 12637418

■ 1867498

■ 14213354

■ 356842

■ 15724010

■ 28650

■ 16775658

■ 16777194

# Harmonies

## Analogous

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



4765664



8040426



11248867

# Triad

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



8040426



15308176



8239496

# Complementary

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



8040426



15381882

# 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.



10662514



8040426



14458231

# Square

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



8040426



15111087



12822635



5684391

# Rectangle

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



8040426



13016278



12822635



9090943

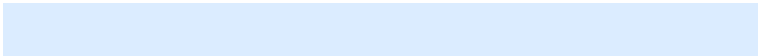


# Sweetspot

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



8040426



14413055



8055476



6976640



0



8421504

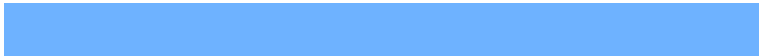


# Same Dimension

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



8040426



7254783



8157930



6975349



22197



6454



# Inverse Universe

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



15366831



16740018



15264378



7694959



11862102

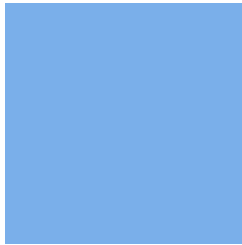


3538969



# Previews

## White Background



This preview shows how the Decimal color 8040426 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 8040426 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

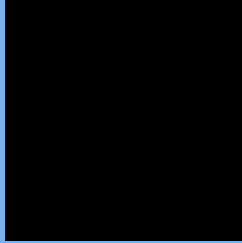
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

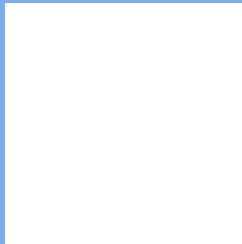
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8040426 Background



This preview shows how black text looks on a background with the Decimal color 8040426.

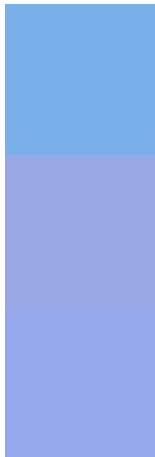


This preview shows how white text looks on a background with the Decimal color 8040426.

# 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



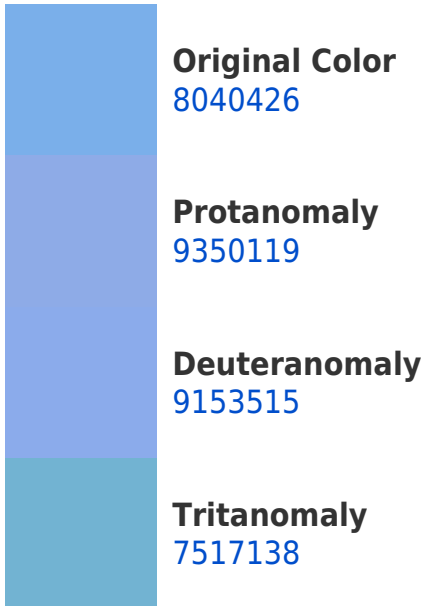
**Original Color**  
8040426

**Protanopia**  
10070245

**Deuteranopia**  
9808107



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8040426 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 #7AAFEA looks like.

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

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 #7AAFEA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 8040426 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
#7AAFEA }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 8040426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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