

# Converting Colors

Decimal(8070006)

Have a look what the booklet for  
Decimal(8070006) contains.

<b>Decimal(8070006)</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(8070006)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B2376
RGB	123, 35, 118
RGB Percent	48%, 14%, 46%
CMY	0.5176, 0.8627, 0.5373
CMYK	0.00, 0.72, 0.04, 0.52
HSL	303°, 56%, 31%
HSV	303°, 72%, 48%
XYZ	12.0394, 6.7210, 17.8023
YIQ	70.7740, 25.8050, 44.4690

# Conversions

## Conversions Part 2

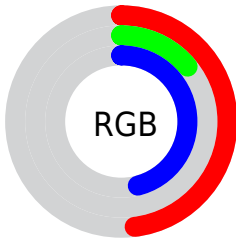
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 35, 118
Decimal	8070006
CIE <sub>Lab</sub>	31.16, 47.82, -28.05
CIE <sub>LCh</sub>	31, 55.436, 329.607
Yxy	6.7210, 0.3293, 0.1838
Android (android.graphics.Color)	4286260086 (0xFF7B2376)
YUV	70.7740, 23.2824, 45.8022
Hunter-Lab	25.9249, 37.5260, -22.5661

# Details

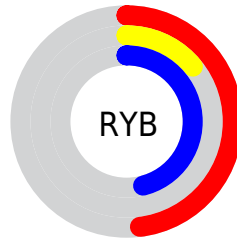
The Decimal color **8070006** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2325288**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **11688107**, and **4653125** is the 20% darker color. If you saturate the color by 10%, you get **8066933**, and if you desaturate by 10%, it is **8073079**.

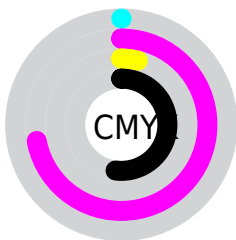
# Distribution



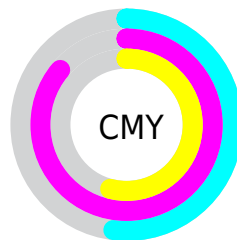
- Red (48%)
- Green (14%)
- Blue (46%)



- Red (48%)
- Yellow (14%)
- Blue (46%)



- Cyan (0%)
- Magenta (72%)
- Yellow (4%)
- Black (52%)



- Cyan (52%)
- Magenta (86%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8070006 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 8070006 by changing the saturation by 10% instead.





8070006



8070006

16777215



6291549



11688107



4653125



13530054



3145775



15502818



720921



16755199



0



16762367



16769791



8070006



8070006



8066933



8073079

■ 8063605

■ 8076407

■ 8061044

■ 8079480

■ 8082553

■ 8085881

■ 8088954

■ 8092027

■ 8095100

■ 8098428

# Harmonies

## Analogous

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



4210326



8070006



9569612

# Triad

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



8070006



5981952



23667

# Complementary

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



8070006



2325288

# 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.



23368



8070006



3101440

# Square

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



8070006



8074496



22809



22677

# Rectangle

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



8070006



9637423



22809



23653



# Sweetspot

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



8070006



10583967



2564987



5389648



13750737



5395026



# Same Dimension

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



8070006



10557081



8069963



4011837



8192118



16515310



# Inverse Universe

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



8070006



10557081



2325331



4011837



8192118



16515310



# Previews

## White Background



This preview shows how the Decimal color 8070006 looks on a white background.

## Color Contrast Check

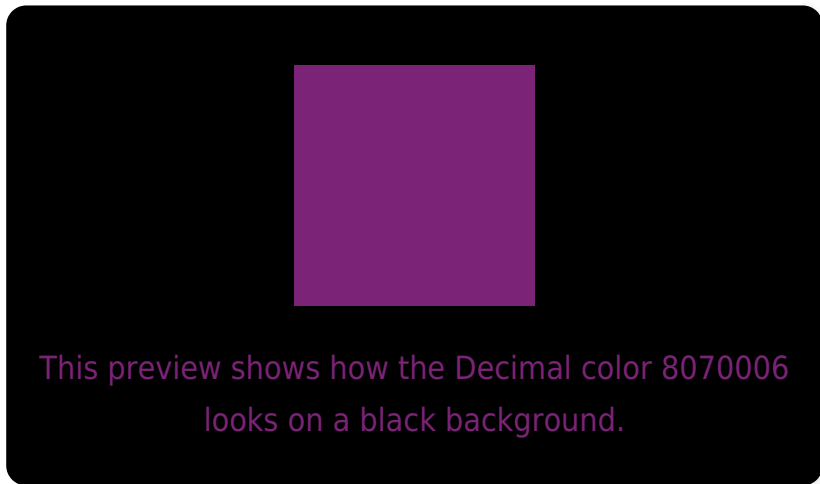
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

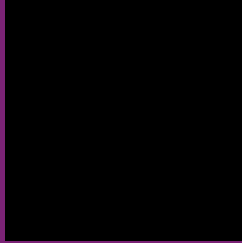
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8070006 Background



This preview shows how black text looks on a background with the Decimal color 8070006.



This preview shows how white text looks on a background with the Decimal color 8070006.

# 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





# Trichromacy



**Original Color**  
8070006

**Protanomaly**  
3488652

**Deuteranomaly**  
5323890

**Tritanomaly**  
7811152

# Monochromacy



**Original Color**  
8070006

**Achromatopsia**  
4671303

**Achromatomaly**  
5913176

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8070006 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 #7B2376 looks like.

```
.text, #text, p{  
  color:#7B2376  
}
```

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 #7B2376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2376
}
```

## Border

The CSS property to change the border of an element to Decimal 8070006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

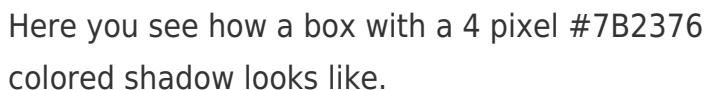
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2376 }
```

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

```
.border{ border-color:#7B2376 }
```

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



Here you see how a box with a 4 pixel #7B2376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2376; -webkit-box-shadow:4px 4px  
4px 4px #7B2376; box-shadow:4px 4px 4px  
4px #7B2376 }
```

# Background

The CSS property to change the background color of an element to Decimal 8070006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2376 }
```

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

```
.background{ background-color:#7B2376 }
```

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