

# Converting Colors

Decimal(8336480)

Have a look what the booklet for  
Decimal(8336480) contains.

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**Color**

**Decimal(8336480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F3460
RGB	127, 52, 96
RGB Percent	50%, 20%, 38%
CMY	0.5020, 0.7961, 0.6235
CMYK	0.00, 0.59, 0.24, 0.50
HSL	325°, 42%, 35%
HSV	325°, 59%, 50%
XYZ	12.0917, 7.8125, 11.9370
YIQ	79.4410, 30.5760, 29.5840

# Conversions

## Conversions Part 2

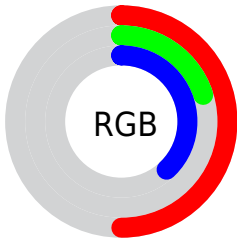
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 52, 96
Decimal	8336480
CIE <sub>Lab</sub>	33.59, 37.72, -10.22
CIE <sub>LCh</sub>	34, 39.083, 344.838
Yxy	7.8125, 0.3797, 0.2454
Android (android.graphics.Color)	4286526560 (0xFF7F3460)
YUV	79.4410, 8.1636, 41.7092
Hunter-Lab	27.9509, 28.3059, -5.7553

# Details

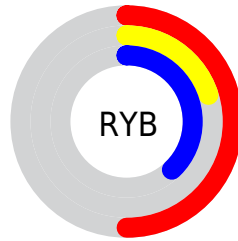
The Decimal color **8336480** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3440467**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **11953811**, and **4915250** is the 20% darker color. If you saturate the color by 10%, you get **8333147**, and if you desaturate by 10%, it is **8339813**.

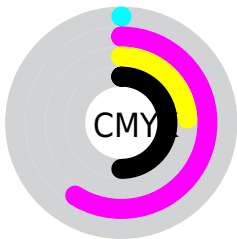
# Distribution



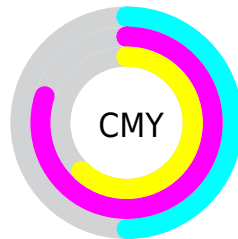
- Red (50%)
- Green (20%)
- Blue (38%)



- Red (50%)
- Yellow (20%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (24%)
- Black (17%)



- Cyan (50%)
- Magenta (80%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8336480 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 8336480 by changing the saturation by 10% instead.



8336480

8336480

16777215

6626120

11953811

4915250

13795501

3342365

15702985

1441792

16758757

0

16765951

16773119

8336480

8336480

8333147

8339813

8330070

8342890

8326736

8346224

8323403

8349557

8323147

8352890

8355967

8359301

8362634

8365711

# Harmonies

## Analogous

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



6570107



8336480



8860225

# Triad

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



8336480



5263883



23674

# Complementary

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



8336480



3440467

# 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.



24158



8336480



2971936

# Square

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



8336480



7096334



23870



22411

# Rectangle

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



8336480



8599341



23870



23922



# Sweetspot

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



8336480



10913945



5387391



5521996



13948116



5526612



# Same Dimension

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



8336480



10891381



8336444



4208957



8388683



0



# Inverse Universe

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



8336480



10891381



3440503



4208957



8388683

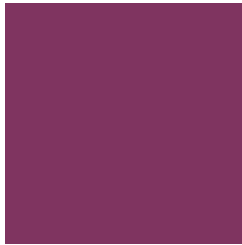


0



# Previews

## White Background



This preview shows how the Decimal color 8336480 looks on a white background.

## Color Contrast Check

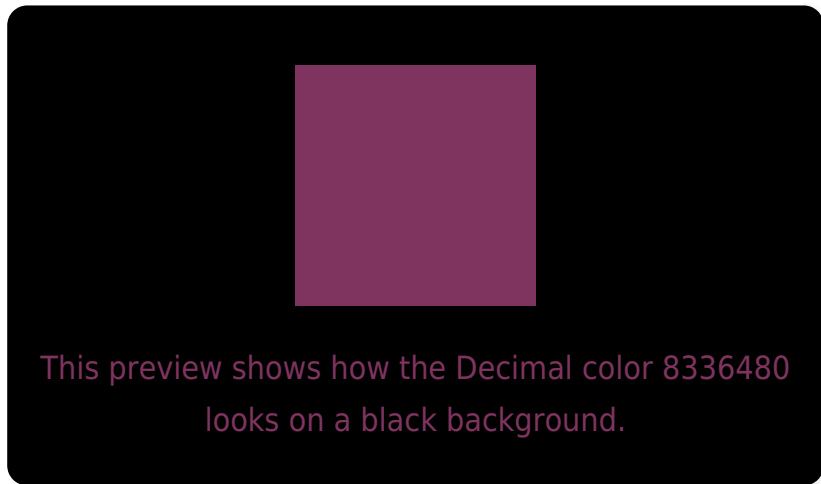
Large Text (above 18pt) WCAG AA ✓ Pass

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 8336480 Background



This preview shows how black text looks on a background with the Decimal color 8336480.



This preview shows how white text looks on a background with the Decimal color 8336480.

# 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



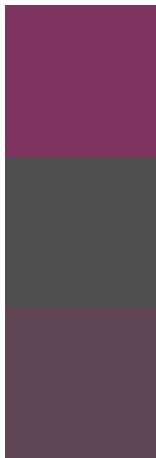
**Original Color**  
8336480

**Protanomaly**  
5850476

**Deuteranomaly**  
6440285

**Tritanomaly**  
8206412

# Monochromacy



**Original Color**  
8336480

**Achromatopsia**  
5197647

**Achromatomaly**  
6309205

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8336480 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 #7F3460 looks like.

```
.text, #text, p{  
    color:#7F3460  
}
```

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 #7F3460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F3460
}
```

## Border

The CSS property to change the border of an element to Decimal 8336480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

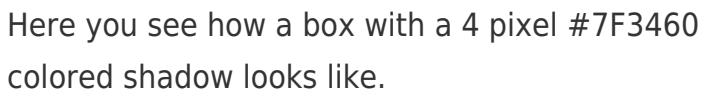
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F3460 }
```

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

```
.border{ border-color:#7F3460 }
```

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



Here you see how a box with a 4 pixel #7F3460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F3460; -webkit-box-shadow:4px 4px  
4px 4px #7F3460; box-shadow:4px 4px 4px  
4px #7F3460 }
```

# Background

The CSS property to change the background color of an element to Decimal 8336480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F3460 }
```

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

```
.background{ background-color:#7F3460 }
```

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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