

# Converting Colors

Decimal(8342686)

Have a look what the booklet for  
Decimal(8342686) contains.

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**Color**

**Decimal(8342686)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F4C9E
RGB	127, 76, 158
RGB Percent	50%, 30%, 62%
CMY	0.5020, 0.7020, 0.3804
CMYK	0.20, 0.52, 0.00, 0.38
HSL	277°, 35%, 46%
HSV	277°, 52%, 62%
XYZ	17.5084, 12.1495, 33.7701
YIQ	100.5970, 4.0740, 36.3140

# Conversions

## Conversions Part 2

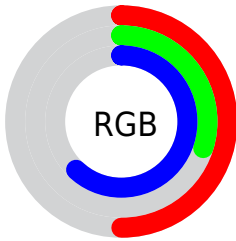
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 76, 158
Decimal	8342686
CIE <sub>Lab</sub>	41.45, 36.85, -36.32
CIE <sub>LCh</sub>	41, 51.744, 315.414
Yxy	12.1495, 0.2760, 0.1915
Android (android.graphics.Color)	4286532766 (0xFF7F4C9E)
YUV	100.5970, 28.2997, 23.1554
Hunter-Lab	34.8562, 28.6629, -33.0432

# Details

The Decimal color **8342686** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7052876**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **11960277**, and **4922474** is the 20% darker color. If you saturate the color by 10%, you get **7945374**, and if you desaturate by 10%, it is **8739998**.

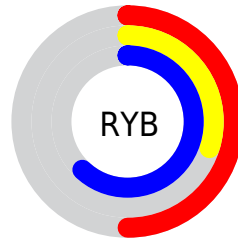
# Distribution



Red (50%)

Green (30%)

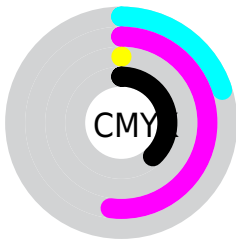
Blue (62%)



Red (50%)

Yellow (30%)

Blue (62%)

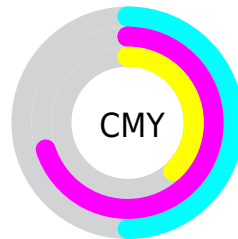


Cyan (20%)

Magenta (52%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (70%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8342686 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 8342686 by changing the saturation by 10% instead.



8342686

8342686

16777215

6632580

11960277

4922474

13801970

3277393

15709439

1900602

16765183

547

16772607

11

0

8342686

8342686

7945374

8739998

7548062

9137310

7151006

9534366

6753694

9931678

6422686

10328990

10726302

11123614

11520670

11917982

# Harmonies

## Analogous

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



3170228



8342686



10697080

# Triad

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



8342686



8869888



30071

# Complementary

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



8342686



7052876

# 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.



29771



8342686



6383360

# Square

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



8342686



10634790



3043104



29598

# Rectangle

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



8342686



11351388



3043104



30057



# Sweetspot

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



8342686



12758735



5008286



6378857



15263976



6908265



# Same Dimension

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



8342686



10374863



10374292



4998991



5832847



655375



# Inverse Universe

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



10374251



13586047



5021270



5195594



9371702

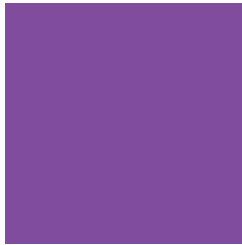


983046



# Previews

## White Background



This preview shows how the Decimal color 8342686 looks on a white background.

## Color Contrast Check

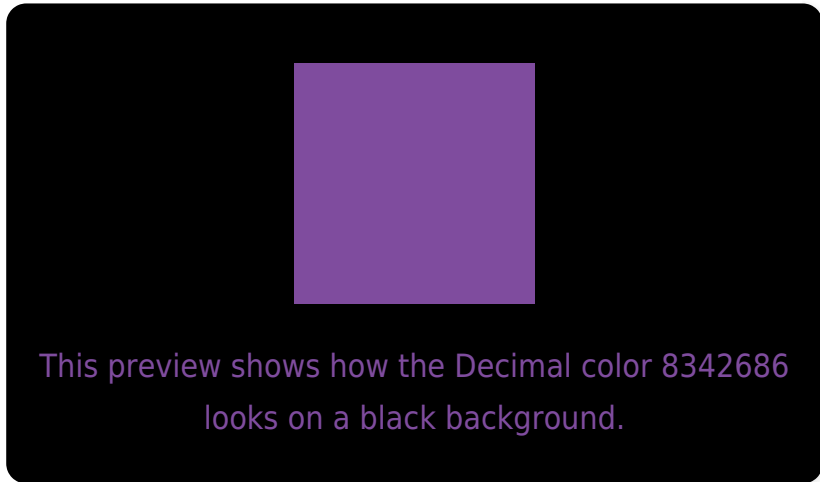
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

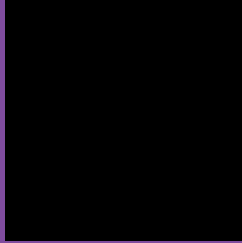
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 8342686 Background



This preview shows how black text looks on a background with the Decimal color 8342686.



This preview shows how white text looks on a background with the Decimal color 8342686.

# 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**  
8342686

**Protanopia**  
3891120

**Deuteranopia**  
4481690



**Tritanopia**  
7691106

# Trichromacy



**Original Color**  
8342686

**Protanomaly**  
5527721

**Deuteranomaly**  
5855899

**Tritanomaly**  
7951992

# Monochromacy



**Original Color**  
8342686

**Achromatopsia**  
6645093

**Achromatomaly**  
7232634

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8342686 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 #7F4C9E looks like.

```
.text, #text, p{  
    color:#7F4C9E  
}
```

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 #7F4C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F4C9E
}
```

## Border

The CSS property to change the border of an element to Decimal 8342686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

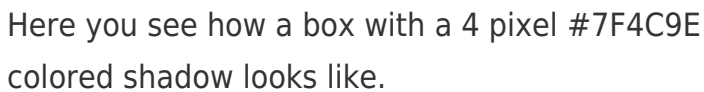
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F4C9E }
```

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

```
.border{ border-color:#7F4C9E }
```

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



Here you see how a box with a 4 pixel #7F4C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F4C9E; -webkit-box-shadow:4px 4px  
4px 4px #7F4C9E; box-shadow:4px 4px 4px  
4px #7F4C9E }
```

# Background

The CSS property to change the background color of an element to Decimal 8342686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F4C9E }
```

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

```
.background{ background-color:#7F4C9E }
```

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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