

# Converting Colors

Decimal(10758252)

Have a look what the booklet for  
Decimal(10758252) contains.

<b>Decimal(10758252)</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(10758252)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4286C
RGB	164, 40, 108
RGB Percent	64%, 16%, 42%
CMY	0.3569, 0.8431, 0.5765
CMYK	0.00, 0.76, 0.34, 0.36
HSL	327°, 61%, 40%
HSV	327°, 76%, 64%
XYZ	18.7754, 10.4928, 15.2231
YIQ	84.8280, 52.0760, 47.4360

# Conversions

## Conversions Part 2

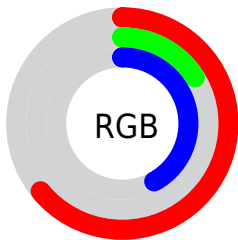
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 40, 108
Decimal	10758252
CIELab	38.71, 55.37, -9.47
CIElCh	39, 56.170, 350.293
Yxy	10.4928, 0.4220, 0.2358
Android (android.graphics.Color)	4288948332 (0xFFA4286C)
YUV	84.8280, 11.4238, 69.4338
Hunter-Lab	32.3926, 46.7752, -5.1889

# Details

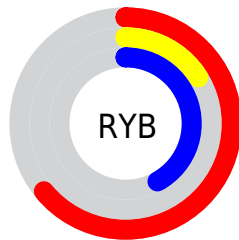
The Decimal color **10758252** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2663520**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **14639519**, and **7012413** is the 20% darker color. If you saturate the color by 10%, you get **10754149**, and if you desaturate by 10%, it is **10762355**.

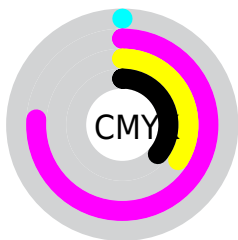
# Distribution



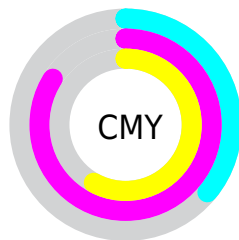
- Red (64%)
- Green (16%)
- Blue (42%)



- Red (64%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (76%)
- Yellow (34%)
- Black (36%)



- Cyan (36%)
- Magenta (84%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10758252 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 10758252 by changing the saturation by 10% instead.



 10758252

 10758252

16777215

 8847444

 14639519

 7012413

 16612794

 5242919

 16750806

 3604498

 16758258

 1048576

 16765439

 0

 16773119

 10758252

 10758252

 10754149

 10762355

■ 10749789

■ 10766715

■ 10747994

■ 10770818

■ 10775178

■ 10779281

■ 10783384

■ 10787744

■ 10791847

■ 10796207

# Harmonies

## Analogous

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



8535958



10758252



11151679

# Triad

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



10758252



5399040



28065

# Complementary

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



10758252



2663520

# 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.



28538



10758252



289306

# Square

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



10758252



8082432



28234



26038

# Rectangle

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



10758252



10565410



28234



28309



# Sweetspot

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



10758252



14067136



6301860



7032158



15461355



7039851



# Same Dimension

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



10758252



14029694



10758190



5392718



9502800



1179658



# Inverse Universe

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



10758252



14029694



2663582



5392718



9502800



1179658



# Previews

## White Background



This preview shows how the Decimal color 10758252 looks on a white background.

## Color Contrast Check

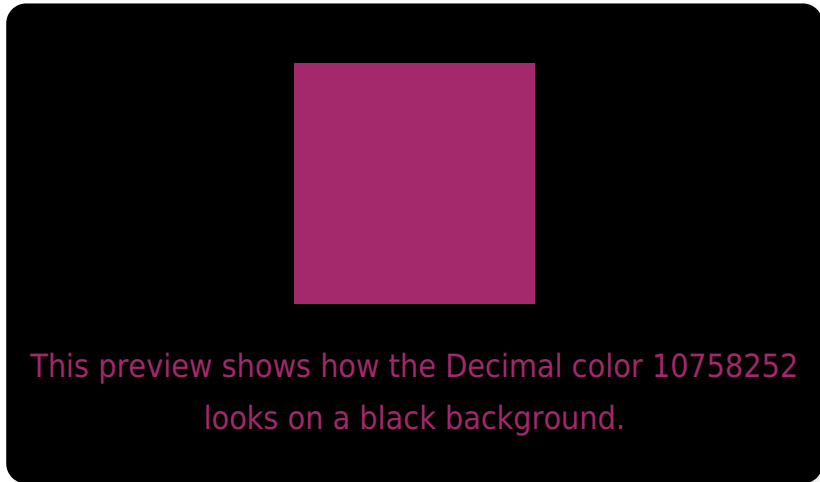
Large Text (above 18pt) WCAG AA ✓ Pass

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 10758252 Background



This preview shows how black text looks on a background with the Decimal color 10758252.



This preview shows how white text looks on a background with the Decimal color 10758252.

# 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**  
10758252

**Protanopia**  
4807567

**Deuteranopia**  
6380134



# Trichromacy



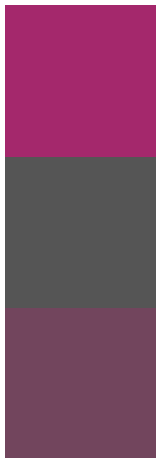
**Original Color**  
10758252

**Protanomaly**  
6965378

**Deuteranomaly**  
7948392

**Tritanomaly**  
10564172

# Monochromacy



**Original Color**  
10758252

**Achromatopsia**  
5592405

**Achromatomaly**  
7488861

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10758252 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 #A4286C looks like.

```
.text, #text, p{  
    color:#A4286C  
}
```

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 #A4286C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4286C
}
```

## Border

The CSS property to change the border of an element to Decimal 10758252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

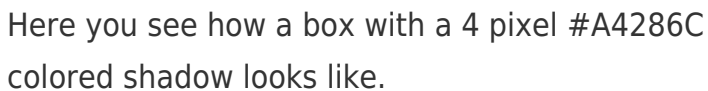
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4286C }
```

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

```
.border{ border-color:#A4286C }
```

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



Here you see how a box with a 4 pixel #A4286C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4286C; -webkit-box-shadow:4px 4px  
4px 4px #A4286C; box-shadow:4px 4px 4px  
4px #A4286C }
```

# Background

The CSS property to change the background color of an element to Decimal 10758252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4286C }
```

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

```
.background{ background-color:#A4286C }
```

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