

# Converting Colors

Decimal(10883947)

Have a look what the booklet for  
Decimal(10883947) contains.

<b>Decimal(10883947)</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(10883947)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6136B
RGB	166, 19, 107
RGB Percent	65%, 7%, 42%
CMY	0.3490, 0.9255, 0.5804
CMYK	0.00, 0.89, 0.36, 0.35
HSL	324°, 79%, 36%
HSV	324°, 89%, 65%
XYZ	18.6126, 9.6343, 14.7885
YIQ	72.9850, 59.3640, 58.5320

# Conversions

## Conversions Part 2

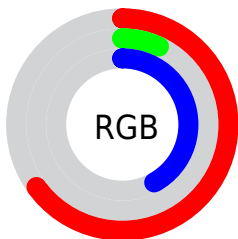
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 19, 107
Decimal	10883947
CIE <sub>Lab</sub>	37.18, 61.14, -11.12
CIE <sub>LCh</sub>	37, 62.141, 349.692
Yxy	9.6343, 0.4325, 0.2239
Android (android.graphics.Color)	4289074027 (0xFFA6136B)
YUV	72.9850, 16.7694, 81.5742
Hunter-Lab	31.0391, 52.7190, -6.5212

# Details

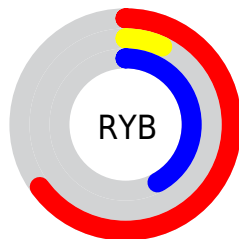
The Decimal color **10883947** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1287758**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **14767774**, and **7143484** is the 20% darker color. If you saturate the color by 10%, you get **10879588**, and if you desaturate by 10%, it is **10888306**.

# Distribution



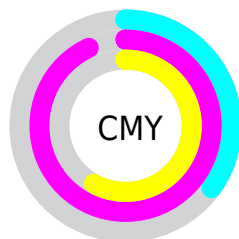
- Red (65%)
- Green (7%)
- Blue (42%)



- Red (65%)
- Yellow (7%)
- Blue (42%)



- Cyan (0%)
- Magenta (89%)
- Yellow (36%)
- Black (35%)



- Cyan (35%)
- Magenta (93%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10883947 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 10883947 by changing the saturation by 10% instead.




 10883947

 10883947

16777215

 8978515

 14767774

 7143484

 16741049

 5308454

 16748245

 3604496

 16755441

 983040

 16762879

 0

 16770559

 10883947

 10883947

 10879588

 10888306

■ 10879075

■ 10892408

■ 10896767

■ 10900870

■ 10905228

■ 10909587

■ 10913690

■ 10918048

■ 10922151

# Harmonies

## Analogous

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



8402841



10883947



11277369

# Triad

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



10883947



5005056



27556

# Complementary

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



10883947



1287758

# 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.



28024



10883947



26632

# Square

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



10883947



8015616



27716



25531

# Rectangle

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



10883947



10693657



27716



27799



# Sweetspot

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



10883947



14261953



5116838



7228256



15592941



7237230



# Same Dimension

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



10883947



14221442



10883874



5524561



9699417



1310732



# Inverse Universe

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



10883947



14221442



1287831



5524561



9699417



1310732



# Previews

## White Background



This preview shows how the Decimal color 10883947 looks on a white background.

## Color Contrast Check

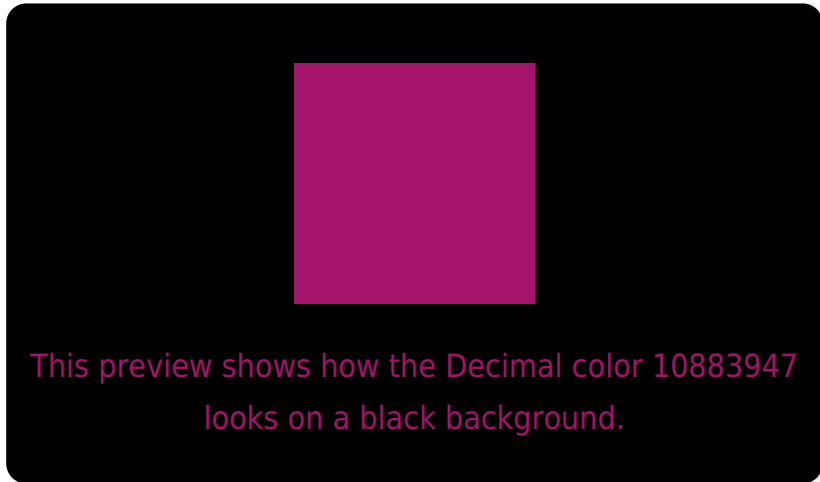
Large Text (above 18pt) WCAG AA ✓ Pass

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 10883947 Background



This preview shows how black text looks on a background with the Decimal color 10883947.



This preview shows how white text looks on a background with the Decimal color 10883947.

# 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



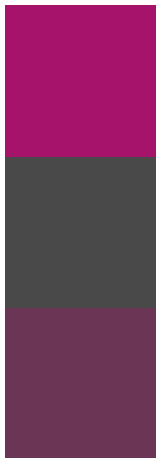
**Original Color**  
10883947

**Protanomaly**  
6569606

**Deuteranomaly**  
7880295

**Tritanomaly**  
10691653

# Monochromacy



**Original Color**  
10883947

**Achromatopsia**  
4802889

**Achromatomaly**  
7026005

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10883947 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 #A6136B looks like.

```
.text, #text, p{  
    color:#A6136B  
}
```

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 #A6136B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6136B
}
```

## Border

The CSS property to change the border of an element to Decimal 10883947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

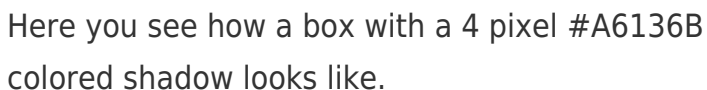
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6136B }
```

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

```
.border{ border-color:#A6136B }
```

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



Here you see how a box with a 4 pixel #A6136B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6136B; -webkit-box-shadow:4px 4px  
4px 4px #A6136B; box-shadow:4px 4px 4px  
4px #A6136B }
```

# Background

The CSS property to change the background color of an element to Decimal 10883947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6136B }
```

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

```
.background{ background-color:#A6136B }
```

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