

# Converting Colors

Decimal(10950287)

Have a look what the booklet for  
Decimal(10950287) contains.

<b>Decimal(10950287)</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(10950287)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7168F
RGB	167, 22, 143
RGB Percent	65%, 9%, 56%
CMY	0.3451, 0.9137, 0.4392
CMYK	0.00, 0.87, 0.14, 0.35
HSL	310°, 77%, 37%
HSV	310°, 87%, 65%
XYZ	21.1812, 10.7725, 26.9495
YIQ	79.1490, 47.5790, 68.3710

# Conversions

## Conversions Part 2

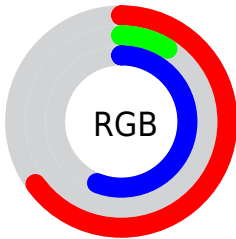
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 22, 143
Decimal	10950287
CIE <sub>Lab</sub>	39.19, 65.23, -30.41
CIE <sub>LCh</sub>	39, 71.970, 335.006
Yxy	10.7725, 0.3596, 0.1829
Android (android.graphics.Color)	4289140367 (0xFFA7168F)
YUV	79.1490, 31.4785, 77.0453
Hunter-Lab	32.8215, 57.7567, -25.7077

# Details

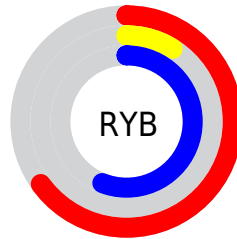
The Decimal color **10950287** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1484590**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **14834117**, and **7209052** is the 20% darker color. If you saturate the color by 10%, you get **10945932**, and if you desaturate by 10%, it is **10954642**.

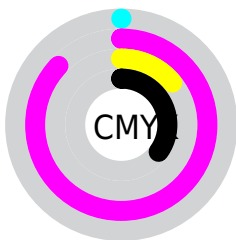
# Distribution



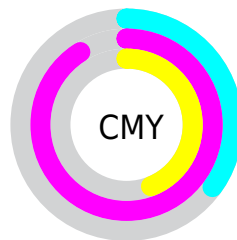
- Red (65%)
- Green (9%)
- Blue (56%)



- Red (65%)
- Yellow (9%)
- Blue (56%)



- Cyan (0%)
- Magenta (87%)
- Yellow (14%)
- Black (35%)



- Cyan (35%)
- Magenta (91%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10950287 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 10950287 by changing the saturation by 10% instead.



 10950287

 10950287

16777215

 9044085

 14834117

 7209052

 16741857

 5439556

 16749310

 3801134

 16756479

 1769496

 16763903

 0

 16771583

 10950287

 10950287

 10945932

 10954642

■ 10944651

■ 10958741

■ 10963095

■ 10967450

■ 10971805

■ 10975904

■ 10980258

■ 10984613

■ 10988712

# Harmonies

## Analogous

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



6440894



10950287



12517461

# Triad

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



10950287



6905088



29855

# Complementary

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



10950287



1484590

# 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.



29797



10950287



2452224

# Square

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



10950287



9913600



28966



28616

# Rectangle

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



10950287



12320815



28966



29837



# Sweetspot

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



10950287



14262479



2889383



7228520



15592941



7237230



# Same Dimension

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



10950287



14221493



10950217



5524563



9699451



1310737



# Inverse Universe

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



10950287



14221493



1484660



5524563



9699451



1310737



# Previews

## White Background



This preview shows how the Decimal color 10950287 looks on a white background.

## Color Contrast Check

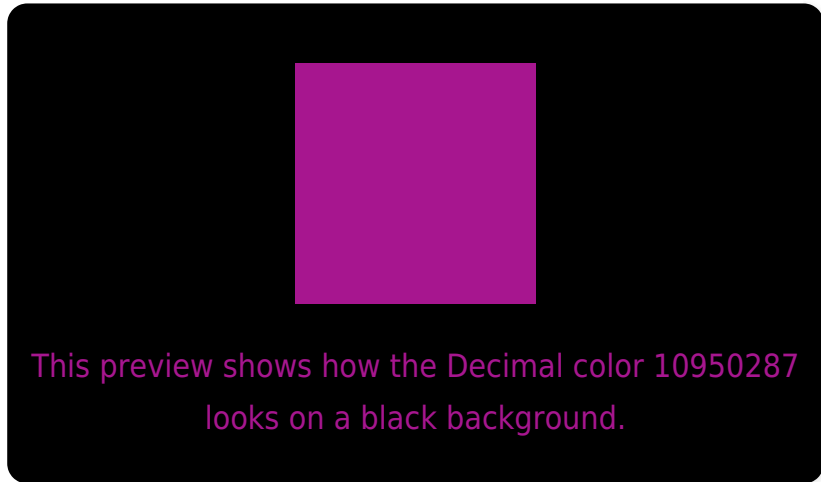
Large Text (above 18pt) WCAG AA ✓ Pass

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

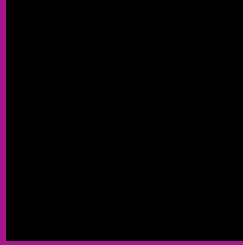
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10950287 Background



This preview shows how black text looks on a background with the Decimal color 10950287.

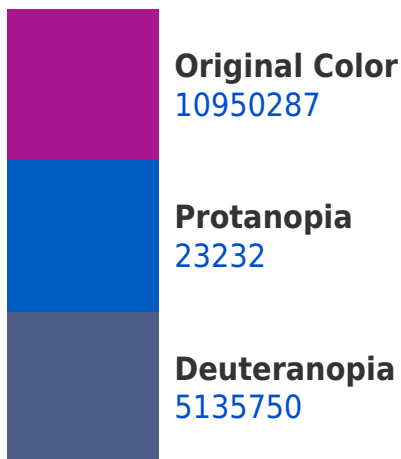


This preview shows how white text looks on a background with the Decimal color 10950287.

# 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**  
10950287



**Protanomaly**  
4014510



**Deuteranomaly**  
7226249



**Tritanomaly**  
10694235

# Monochromacy



**Original Color**  
10950287



**Achromatopsia**  
5197647



**Achromatomaly**  
7289446

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10950287 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 #A7168F looks like.

```
.text, #text, p{  
  color:#A7168F  
}
```

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 #A7168F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7168F
}
```

## Border

The CSS property to change the border of an element to Decimal 10950287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

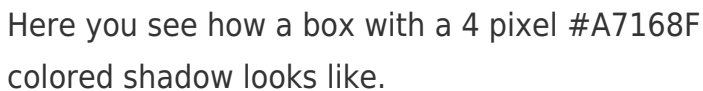
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7168F }
```

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

```
.border{ border-color:#A7168F }
```

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



Here you see how a box with a 4 pixel #A7168F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7168F; -webkit-box-shadow:4px 4px  
4px 4px #A7168F; box-shadow:4px 4px 4px  
4px #A7168F }
```

# Background

The CSS property to change the background color of an element to Decimal 10950287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7168F }
```

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

```
.background{ background-color:#A7168F }
```

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