

# Converting Colors

Decimal(10849700)

Have a look what the booklet for  
Decimal(10849700) contains.

<b>Decimal(10849700)</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(10849700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A58DA4
RGB	165, 141, 164
RGB Percent	65%, 55%, 64%
CMY	0.3529, 0.4471, 0.3569
CMYK	0.00, 0.15, 0.01, 0.35
HSL	302°, 12%, 60%
HSV	302°, 15%, 65%
XYZ	31.7428, 29.7294, 39.1873
YIQ	150.7980, 6.9210, 12.2410

# Conversions

## Conversions Part 2

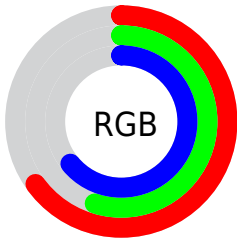
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 141, 164
Decimal	10849700
CIE <sub>Lab</sub>	61.42, 13.19, -8.78
CIE <sub>LCh</sub>	61, 15.848, 326.357
Yxy	29.7294, 0.3153, 0.2953
Android (android.graphics.Color)	4289039780 (0xFFFA58DA4)
YUV	150.7980, 6.5086, 12.4552
Hunter-Lab	54.5247, 8.4995, -4.4449

# Details

The Decimal color **10849700** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9282958**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **14468059**, and **7428976** is the 20% darker color. If you saturate the color by 10%, you get **10845347**, and if you desaturate by 10%, it is **10853797**.

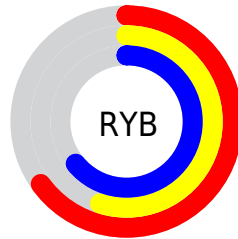
# Distribution



Red (65%)

Green (55%)

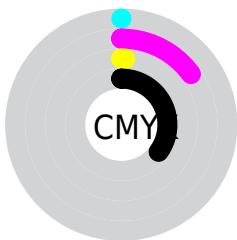
Blue (64%)



Red (65%)

Yellow (55%)

Blue (64%)

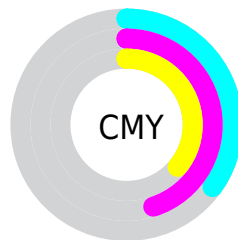


Cyan (0%)

Magenta (15%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10849700 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 10849700 by changing the saturation by 10% instead.



 10849700

 10849700

16777215

 9139082

 14468059

 7428976

 16375799

 5784408

 16776191

 4271424

 2758698

 1572886

 0

 10849700

 10849700

 10845347

 10853797

10841251

10858149

10836898

10862246

10832801

10866599

10828449

10870695

10824352

10875048

10819999

10878889

10815902

10878890

10813598

# Harmonies

## Analogous

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



9802157



10849700



11504535

# Triad

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



10849700



10589049



7314592

# Complementary

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



10849700



9282958

# 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.



7707794



10849700



9607035

# Square

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



10849700



11308669



8559492



7641771

# Rectangle

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



10849700



11701133



8559492



7380124



# Sweetspot

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



10849700



14077654



9342373



7038571



15461355



7039851



# Same Dimension

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



10849700



14070485



10849688



5392721



9502859



1179665



# Inverse Universe

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



10849700



14070485



9282970



5392721



9502859



1179665



# Previews

## White Background



This preview shows how the Decimal color 10849700 looks on a white background.

## Color Contrast Check

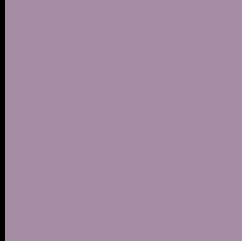
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 10849700 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

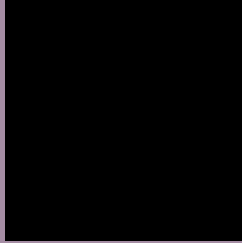
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10849700 Background



This preview shows how black text looks on a background with the Decimal color 10849700.



This preview shows how white text looks on a background with the Decimal color 10849700.

# 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





**Tritanopia**  
10784666

# Trichromacy



**Original Color**  
10849700

**Protanomaly**  
9998759

**Deuteranomaly**  
10456995

**Tritanomaly**  
10784414

# Monochromacy



**Original Color**  
10849700

**Achromatopsia**  
9934743

**Achromatomaly**  
10261404

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10849700 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 #A58DA4 looks like.

```
.text, #text, p{  
    color:#A58DA4  
}
```

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 #A58DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A58DA4
}
```

## Border

The CSS property to change the border of an element to Decimal 10849700 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
#A58DA4 }
```

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

```
.border{ border-color:#A58DA4 }
```

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

Here you see how a box with a 4 pixel #A58DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A58DA4; -webkit-box-shadow:4px 4px  
4px 4px #A58DA4; box-shadow:4px 4px 4px  
4px #A58DA4 }
```

# Background

The CSS property to change the background color of an element to Decimal 10849700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A58DA4 }
```

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

```
.background{ background-color:#A58DA4 }
```

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