

# Converting Colors

Decimal(12556959)

Have a look what the booklet for  
Decimal(12556959) contains.

<b>Decimal(12556959)</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(12556959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF9A9F
RGB	191, 154, 159
RGB Percent	75%, 60%, 62%
CMY	0.2510, 0.3961, 0.3765
CMYK	0.00, 0.19, 0.17, 0.25
HSL	352°, 22%, 68%
HSV	352°, 19%, 75%
XYZ	39.2995, 36.6908, 37.8116
YIQ	165.6330, 20.4470, 9.3990

# Conversions

## Conversions Part 2

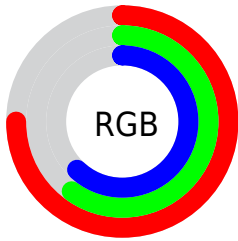
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 154, 159
Decimal	12556959
CIE <sub>Lab</sub>	67.04, 14.54, 2.60
CIE <sub>LCh</sub>	67, 14.775, 10.142
Yxy	36.6908, 0.3453, 0.3224
Android (android.graphics.Color)	4290747039 (0xFFBF9A9F)
YUV	165.6330, -3.2701, 22.2469
Hunter-Lab	60.5729, 9.8075, 5.3903

# Details

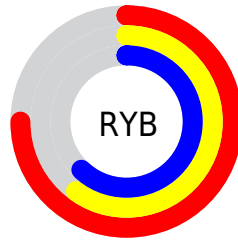
The Decimal color **12556959** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **10141626**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16306390**, and **9004908** is the 20% darker color. If you saturate the color by 10%, you get **12552078**, and if you desaturate by 10%, it is **12561840**.

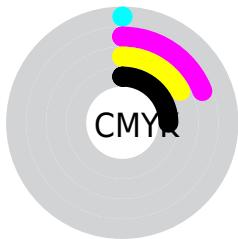
# Distribution



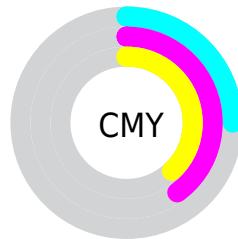
- Red (75%)
- Green (60%)
- Blue (62%)



- Red (75%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (25%)



- Cyan (25%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12556959 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 12556959 by changing the saturation by 10% instead.



 12556959

 12556959

16777215

 10780805

 16306390

 9004908

 16772594

 7294803

 5650492

 4071975

 2624786

 327680

 0

 12556959

 12556959

 12552078

 12561840

 12547198

 12566720

 12542317

 12571601

 12537437

 12576481

 12532300

 12581362

 12527420

 12582911

 12522539

 12517659

 12517402

# Harmonies

## Analogous

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



12098476



12556959



12491923

# Triad

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



12556959



10135695



9152444

# Complementary

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



12556959



10141626

# 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.



8497844



12556959



9218714

# Square

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



12556959



11117705



8563623



10134461

# Rectangle

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



12556959



12164749



8563623



8825018

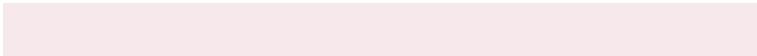


# Sweetspot

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



12556959



16247275



12163775



8221813



16579836



8224125



# Same Dimension

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



12556959



16236230



12560282



6182230



10354709



2031620



# Inverse Universe

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



12556959



16236230



10138303



6182230



10354709



2031620



# Previews

## White Background



This preview shows how the Decimal color 12556959 looks on a white background.

## Color Contrast Check

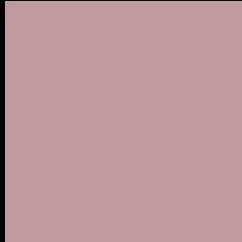
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12556959 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 ✓ Pass

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



## Decimal 12556959 Background



This preview shows how black text looks on a background with the Decimal color 12556959.



This preview shows how white text looks on a background with the Decimal color 12556959.

# 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**  
12622245

# Trichromacy



**Original Color**  
12556959

**Protanomaly**  
11509922

**Deuteranomaly**  
12164510

**Tritanomaly**  
12622243

# Monochromacy



**Original Color**  
12556959

**Achromatopsia**  
10921638

**Achromatomaly**  
11510435

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12556959 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 #BF9A9F looks like.

```
.text, #text, p{  
    color:#BF9A9F  
}
```

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 #BF9A9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF9A9F
}
```

## Border

The CSS property to change the border of an element to Decimal 12556959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

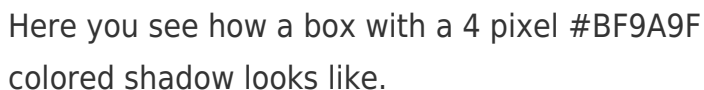
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF9A9F }
```

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

```
.border{ border-color:#BF9A9F }
```

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



Here you see how a box with a 4 pixel #BF9A9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF9A9F; -webkit-box-shadow:4px 4px  
4px 4px #BF9A9F; box-shadow:4px 4px 4px  
4px #BF9A9F }
```

# Background

The CSS property to change the background color of an element to Decimal 12556959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF9A9F }
```

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

```
.background{ background-color:#BF9A9F }
```

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