

# Converting Colors

Decimal(14256824)

Have a look what the booklet for  
Decimal(14256824) contains.

<b>Decimal(14256824)</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(14256824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D98AB8
RGB	217, 138, 184
RGB Percent	85%, 54%, 72%
CMY	0.1490, 0.4588, 0.2784
CMYK	0.00, 0.36, 0.15, 0.15
HSL	325°, 51%, 70%
HSV	325°, 36%, 85%
XYZ	46.3555, 36.3894, 49.9280
YIQ	166.8650, 32.3180, 31.0540

# Conversions

## Conversions Part 2

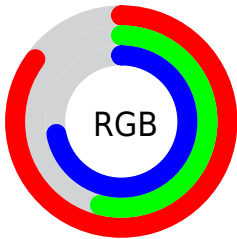
Format	Color
R <sub>Y</sub> B	217, 138, 184
Decimal	14256824
CIE Lab	66.82, 36.60, -11.44
CIE LCh	67, 38.351, 342.646
Yxy	36.3894, 0.3494, 0.2743
Android (android.graphics.Color)	4292446904 (0xFFD98AB8)
YUV	166.8650, 8.4476, 43.9684
Hunter-Lab	60.3236, 31.6015, -6.8461

# Details

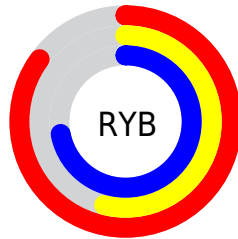
The Decimal color **14256824** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9099691**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16761328**, and **10573443** is the 20% darker color. If you saturate the color by 10%, you get **14251183**, and if you desaturate by 10%, it is **14262465**.

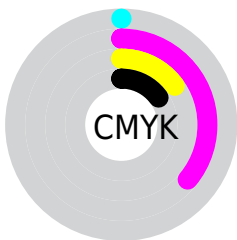
# Distribution



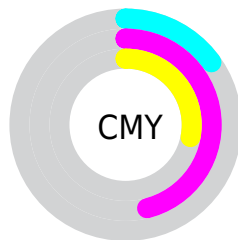
- Red (85%)
- Green (54%)
- Blue (72%)



- Red (85%)
- Yellow (54%)
- Blue (72%)



- Cyan (0%)
- Magenta (36%)
- Yellow (15%)
- Black (15%)



- Cyan (15%)
- Magenta (46%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14256824 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 14256824 by changing the saturation by 10% instead.



 14256824

 14256824

16777215

 12415133

 16761328

 10573443

 16768511

 8797546

 16775935

 7021906

 5310779

 3670053

 2228239

 0

 14256824

 14256824

 14251183

 14262465

 14245798

 14267850

 14240157

 14273491

 14234516

 14279132

 14229131

 14284517

 14223490

 14286830

 14221438

 14286839

 14286847

# Harmonies

## Analogous

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



12162261



14256824



15108245

# Triad

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



14256824



11248990



45776

# Complementary

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



14256824



9099691

# 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.



1750448



14256824



8695407

# Square

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



14256824



13277793



5813133



4762852

# Rectangle

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



14256824



14912383



5813133



46279



# Sweetspot

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



14256824



16770035



11242201



8417145



0



8421504



# Same Dimension

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



14256824



16748496



14256785



7234409



11337829



3014683



# Inverse Universe

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



14256824



16748496



9099730



7234409



11337829

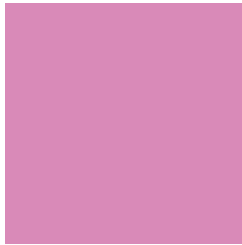


3014683



# Previews

## White Background



This preview shows how the Decimal color 14256824 looks on a white background.

## Color Contrast Check

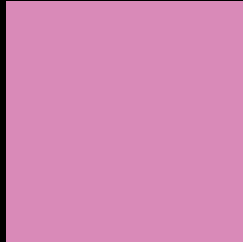
Large Text (above 18pt) WCAG AA × Fail

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 14256824 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 14256824 Background



This preview shows how black text looks on a background with the Decimal color 14256824.




This preview shows how white text looks on a background with the Decimal color 14256824.

# 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**  
14061466

# Trichromacy



**Original Color**

14256824



**Protanomaly**

11639234



**Deuteranomaly**

12359605



**Tritanomaly**

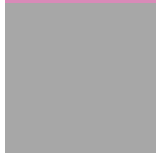
14126501

# Monochromacy



**Original Color**

14256824



**Achromatopsia**

10987431



**Achromatomaly**

12164269

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14256824 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 #D98AB8 looks like.

```
.text, #text, p{  
    color:#D98AB8  
}
```

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 #D98AB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98AB8  
}
```

## Border

The CSS property to change the border of an element to Decimal 14256824 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  
#D98AB8 }
```

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

```
.border{ border-color:#D98AB8 }
```

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

Here you see how a box with a 4 pixel #D98AB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98AB8; -webkit-box-shadow:4px 4px  
4px 4px #D98AB8; box-shadow:4px 4px 4px  
4px #D98AB8 }
```

# Background

The CSS property to change the background color of an element to Decimal 14256824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98AB8 }
```

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

```
.background{ background-color:#D98AB8 }
```

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