

# Converting Colors

Decimal(15641288)

Have a look what the booklet for  
Decimal(15641288) contains.

<b>Decimal(15641288)</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(15641288)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EAAAC8
RGB	238, 170, 200
RGB Percent	93%, 67%, 78%
CMY	0.0667, 0.3333, 0.2157
CMYK	0.00, 0.29, 0.16, 0.07
HSL	334°, 67%, 80%
HSV	334°, 29%, 93%
XYZ	60.0599, 51.0967, 61.3407
YIQ	193.7520, 30.8980, 23.7460

# Conversions

## Conversions Part 2

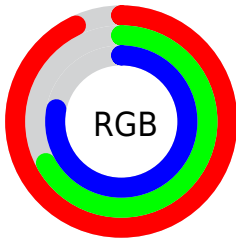
Format	Color
R <sub>Y</sub> B	238, 170, 200
Decimal	15641288
CIE Lab	76.74, 29.33, -5.29
CIE LCh	77, 29.803, 349.779
Yxy	51.0967, 0.3482, 0.2962
Android (android.graphics.Color)	4293831368 (0xFFEEAAC8)
YUV	193.7520, 3.0803, 38.8055
Hunter-Lab	71.4820, 24.8842, -0.8411

# Details

The Decimal color **15641288** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11202256**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **16769791**, and **11892114** is the 20% darker color. If you saturate the color by 10%, you get **15635131**, and if you desaturate by 10%, it is **15647445**.

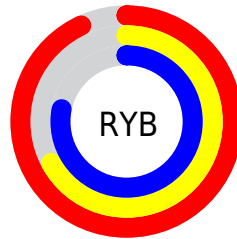
# Distribution



Red (93%)

Green (67%)

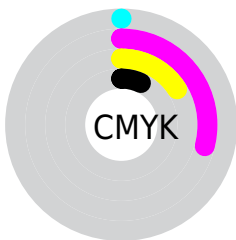
Blue (78%)



Red (93%)

Yellow (67%)

Blue (78%)

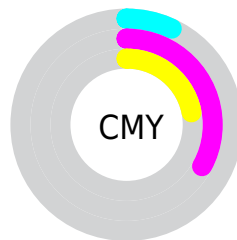


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15641288 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 15641288 by changing the saturation by 10% instead.



 15641288


 15641288

16777215

 13733805

 16769791

 11892114

 10116216

 8340320

 6630472

 4985906

 3342365

 1900545

 0

 15641288

 15641288

 15635131

 15647445

 15628973

 15653603

 15623072

 15659504

 15616915

 15663101

 15610758

 15663103

 15604600

 15598443

 15597673

# Harmonies

## Analogous

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



14135521



15641288



16100012

# Triad

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



15641288



12501385



7326183

# Complementary

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



15641288



11202256

# 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.



7065039



15641288



10471577

# Square

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



15641288



14334087



8441011



9290739

# Rectangle

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



15641288



15904155



8441011



6999008



# Sweetspot

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



15641288



16771314



13609710



8417656



0



8421504



# Same Dimension

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



15641288



16754895



15642026



7892081



12058705



3670041



# Inverse Universe

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



15641288



16754895



11201518



7892081



12058705



3670041



# Previews

## White Background



This preview shows how the Decimal color 15641288 looks on a white background.

## Color Contrast Check

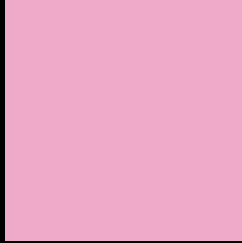
Large Text (above 18pt) WCAG AA × Fail

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 15641288 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

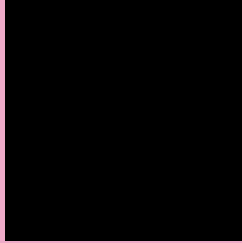
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15641288 Background



This preview shows how black text looks on a background with the Decimal color 15641288.




This preview shows how white text looks on a background with the Decimal color 15641288.

# 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**  
15510714

# Trichromacy



**Original Color**  
15641288



**Protanomaly**  
13546959



**Deuteranomaly**  
14267334



**Tritanomaly**  
15575999

# Monochromacy



**Original Color**  
15641288



**Achromatopsia**  
12763842



**Achromatomaly**  
13810116

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15641288 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 #EEAAC8 looks like.

```
.text, #text, p{  
    color:#EEAAC8  
}
```

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 #EEAAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEAAC8
}
```

## Border

The CSS property to change the border of an element to Decimal 15641288 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
#EEAAC8 }
```

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

```
.border{ border-color:#EEAAC8 }
```

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

Here you see how a box with a 4 pixel #EEAAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEAAC8; -webkit-box-shadow:4px 4px  
4px 4px #EEAAC8; box-shadow:4px 4px 4px  
4px #EEAAC8 }
```

# Background

The CSS property to change the background color of an element to Decimal 15641288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEAAC8 }
```

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

```
.background{ background-color:#EEAAC8 }
```

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