

# Converting Colors

Decimal(15642326)

Have a look what the booklet for  
Decimal(15642326) contains.

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# **Color**

**Decimal(15642326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEAED6
RGB	238, 174, 214
RGB Percent	93%, 68%, 84%
CMY	0.0667, 0.3176, 0.1608
CMYK	0.00, 0.27, 0.10, 0.07
HSL	322°, 65%, 81%
HSV	322°, 27%, 93%
XYZ	62.5335, 53.3043, 70.6112
YIQ	197.6960, 25.3040, 26.0080

# Conversions

## Conversions Part 2

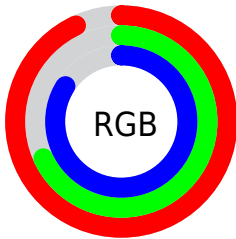
Format	Color
R <sub>Y</sub> B	238, 174, 214
Decimal	15642326
CIE Lab	78.05, 29.47, -10.95
CIE LCh	78, 31.435, 339.610
Yxy	53.3043, 0.3354, 0.2859
Android (android.graphics.Color)	4293832406 (0xFFEEAED6)
YUV	197.6960, 8.0379, 35.3466
Hunter-Lab	73.0098, 25.1198, -6.2353

# Details

The Decimal color **15642326** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11464390**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16770815**, and **11893151** is the 20% darker color. If you saturate the color by 10%, you get **15636173**, and if you desaturate by 10%, it is **15648479**.

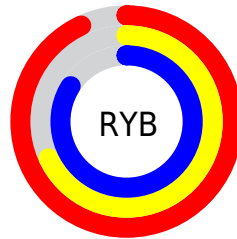
# Distribution



Red (93%)

Green (68%)

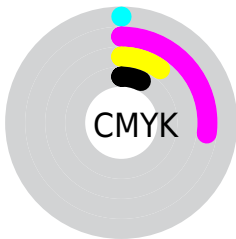
Blue (84%)



Red (93%)

Yellow (68%)

Blue (84%)

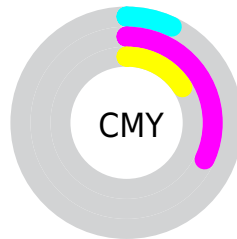


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (7%)



Cyan (7%)

Magenta (32%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15642326 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 15642326 by changing the saturation by 10% instead.



 15642326

 15642326

16777215

 13734842

 16770815

 11893151

 10117253

 8341356

 6631252

 4986940

 3407911

 2031634

 0

 15642326

 15642326

 15636173

 15648479

 15630020

 15654632

 15624123

 15660529

 15617970

 15663098

 15611817

 15663103

 15605664

 15599512

 15597717

# Harmonies

## Analogous

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



13743854



15642326



16493497

# Triad

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



15642326



13419143



6803429

# Complementary

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



15642326



11464390

# 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.



7262666



15642326



11324051

# Square

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



15642326



15186059



9097388



8440567

# Rectangle

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



15642326



16494246



9097388



6738141



# Sweetspot

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



15642326



16772087



12955374



8418171



0



8421504



# Same Dimension

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



15642326



16756192



15642295



7892083



12058739



3670051



# Inverse Universe

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



15642326



16756192



11464421



7892083



12058739



3670051



# Previews

## White Background



This preview shows how the Decimal color 15642326 looks on a white background.

## Color Contrast Check

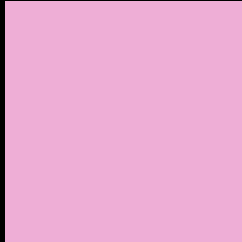
Large Text (above 18pt) WCAG AA × Fail

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 15642326 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 15642326 Background



This preview shows how black text looks on a background with the Decimal color 15642326.



This preview shows how white text looks on a background with the Decimal color 15642326.

# 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**  
15446720

# Trichromacy



**Original Color**  
15642326



**Protanomaly**  
13547997



**Deuteranomaly**  
14202836

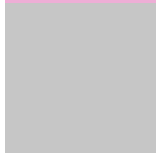


**Tritanomaly**  
15512008

# Monochromacy



**Original Color**  
15642326



**Achromatopsia**  
13027014



**Achromatomaly**  
14007756

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15642326 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 #EEAED6 looks like.

```
.text, #text, p{  
    color:#EEAED6  
}
```

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 #EEAED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEAED6
}
```

## Border

The CSS property to change the border of an element to Decimal 15642326 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
#EEAED6 }
```

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

```
.border{ border-color:#EEAED6 }
```

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

Here you see how a box with a 4 pixel #EEAED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEAED6; -webkit-box-shadow:4px 4px  
4px 4px #EEAED6; box-shadow:4px 4px 4px  
4px #EEAED6 }
```

# Background

The CSS property to change the background color of an element to Decimal 15642326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEAED6 }
```

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

```
.background{ background-color:#EEAED6 }
```

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](#).



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