

# Converting Colors

Decimal(13015763)

Have a look what the booklet for  
Decimal(13015763) contains.

<b>Decimal(13015763)</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(13015763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C69AD3
RGB	198, 154, 211
RGB Percent	78%, 60%, 83%
CMY	0.2235, 0.3961, 0.1725
CMYK	0.06, 0.27, 0.00, 0.17
HSL	286°, 39%, 72%
HSV	286°, 27%, 83%
XYZ	46.6022, 39.8201, 66.8579
YIQ	173.6540, 7.9270, 27.0550

# Conversions

## Conversions Part 2

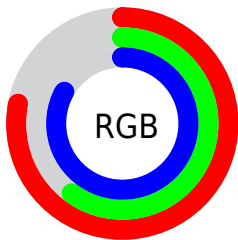
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 154, 211
Decimal	13015763
CIELab	69.34, 26.42, -22.85
CIELCh	69, 34.931, 319.141
Yxy	39.8201, 0.3040, 0.2598
Android (android.graphics.Color)	4291205843 (0xFFC69AD3)
YUV	173.6540, 18.4116, 21.3514
Hunter-Lab	63.1032, 21.3930, -18.6456

# Details

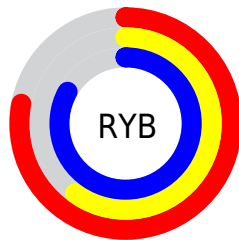
The Decimal color **13015763** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10998682**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16765439**, and **9463452** is the 20% darker color. If you saturate the color by 10%, you get **12682707**, and if you desaturate by 10%, it is **13348819**.

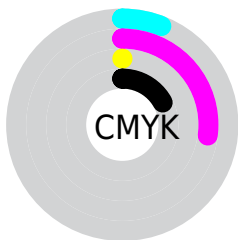
# Distribution



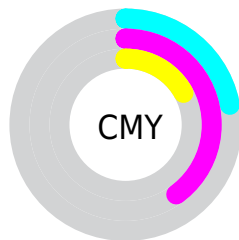
- Red (78%)
- Green (60%)
- Blue (83%)



- Red (78%)
- Yellow (60%)
- Blue (83%)



- Cyan (6%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (40%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13015763 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 13015763 by changing the saturation by 10% instead.



13015763

13015763

16777215

11174071

16765439

9463452

16772607

7687810

6043241

4464721

2885945

1703972

11

0

 13015763

 13015763

 12682707

 13348819

 12349651

 13681875

 12082131

 13949395

 11749075

 14282451

 11416019

 14614483

 11082707

 14942163

 10749651

 15269843

 10682579

 15531987

 15859667

# Harmonies

## Analogous

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



10331621



13015763



14717622

# Triad

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



13015763



13214571



3848893

# Complementary

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



13015763



10998682

# 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.



6273692



13015763



11185773

# Square

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



13015763



14653819



8828287



3979224

# Rectangle

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



13015763



15176097



8828287



4570034



# Sweetspot

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



13015763



16444415



10135507



8221568



0



8421504



# Same Dimension

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



13015763



15511039



13867716



6708841



8519848



2031657



# Inverse Universe

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



13867687



16756160



10146729



6905440



11010086

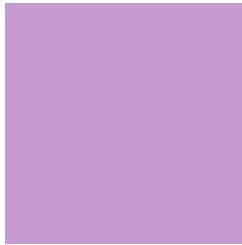


2686985



# Previews

## White Background



This preview shows how the Decimal color 13015763 looks on a white background.

## Color Contrast Check

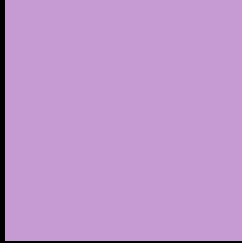
Large Text (above 18pt) WCAG AA × Fail

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 13015763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

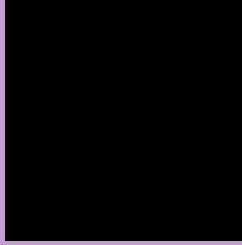
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13015763 Background



This preview shows how black text looks on a background with the Decimal color 13015763.

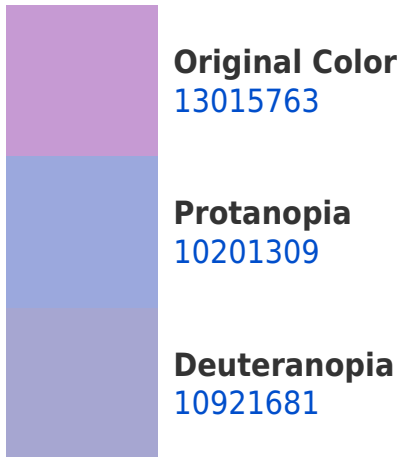



This preview shows how white text looks on a background with the Decimal color 13015763.

# 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](#).

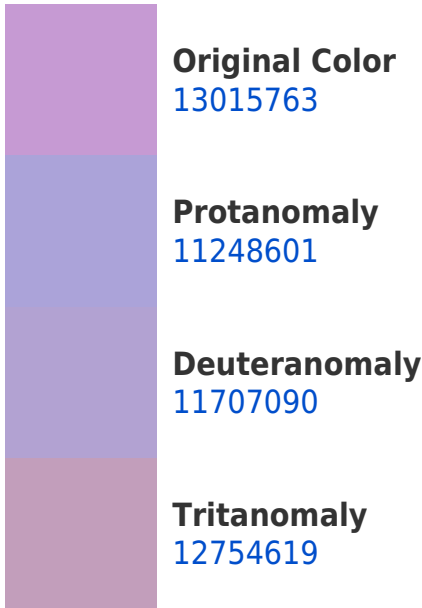
## Dichromacy



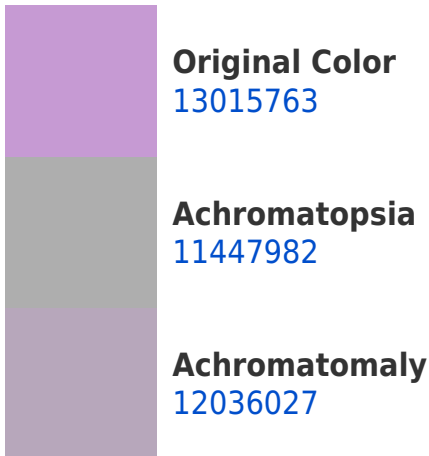


**Tritanopia**  
12624302

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13015763 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 #C69AD3 looks like.

```
.text, #text, p{  
    color:#C69AD3  
}
```

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 #C69AD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C69AD3
}
```

## Border

The CSS property to change the border of an element to Decimal 13015763 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
#C69AD3 }
```

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

```
.border{ border-color:#C69AD3 }
```

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

Here you see how a box with a 4 pixel #C69AD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C69AD3; -webkit-box-shadow:4px 4px  
4px 4px #C69AD3; box-shadow:4px 4px 4px  
4px #C69AD3 }
```

# Background

The CSS property to change the background color of an element to Decimal 13015763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C69AD3 }
```

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

```
.background{ background-color:#C69AD3 }
```

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