

# Converting Colors

Decimal(14908899)

Have a look what the booklet for  
Decimal(14908899) contains.

<b>Decimal(14908899)</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(14908899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E37DE3
RGB	227, 125, 227
RGB Percent	89%, 49%, 89%
CMY	0.1098, 0.5098, 0.1098
CMYK	0.00, 0.45, 0.00, 0.11
HSL	300°, 65%, 69%
HSV	300°, 45%, 89%
XYZ	52.8773, 36.5442, 76.9398
YIQ	167.1260, 28.0500, 53.3460

# Conversions

## Conversions Part 2

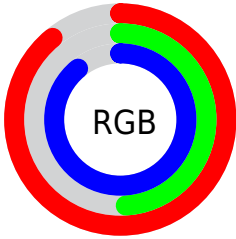
Format	Color
R <sub>Y</sub> B	227, 125, 227
Decimal	14908899
CIE Lab	66.93, 53.75, -35.15
CIE LCh	67, 64.226, 326.818
Yxy	36.5442, 0.3178, 0.2197
Android (android.graphics.Color)	4293098979 (0xFFE37DE3)
YUV	167.1260, 29.5179, 52.5095
Hunter-Lab	60.4518, 50.3437, -33.1449

# Details

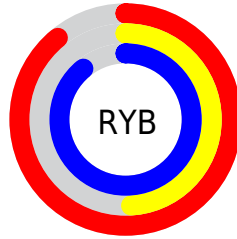
The Decimal color **14908899** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8250237**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16758015**, and **11093931** is the 20% darker color. If you saturate the color by 10%, you get **14903011**, and if you desaturate by 10%, it is **14914787**.

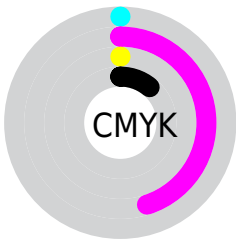
# Distribution



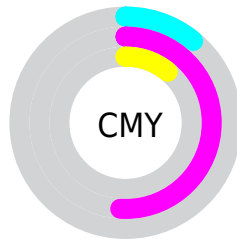
- Red (89%)
- Green (49%)
- Blue (89%)



- Red (89%)
- Yellow (49%)
- Blue (89%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)

















- Cyan (11%)
- Magenta (51%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14908899 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 14908899 by changing the saturation by 10% instead.



 14908899	 14908899
16777215	 13001415
 16758015	 11093931
 16765439	 9317264
 16772863	 7473014
	 5767261
	 4063301
	 2490414
	 280
	 0

 14908899

 14908899

 14903011

 14914787

 14897379

 14920419

 14891491

 14926307

 14885603

 14932195

 14879715

 14938083

 14876899

 14942179

# Harmonies

## Analogous

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



10000127



14908899



16739500

# Triad

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



14908899



13016610



48853

# Complementary

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



14908899



8250237

# 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.



48795



14908899



9350961

# Square

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



14908899



15828801



3914080



47359

# Rectangle

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



14908899



16739973



3914080



49091



# Sweetspot

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



14908899



16768767



8224227



8416128



0



8421504



# Same Dimension

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



14908899



16741887



14908848



7563123



11731123



3342387



# Inverse Universe

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



14908899



16741887



8250288



7563123



11731123

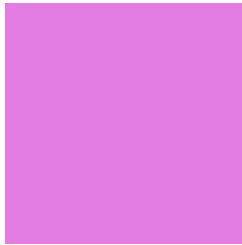


3342387



# Previews

## White Background



This preview shows how the Decimal color 14908899 looks on a white background.

## Color Contrast Check

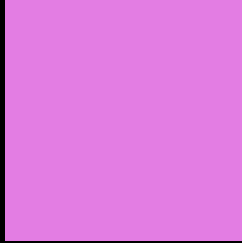
Large Text (above 18pt) WCAG AA × Fail

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 14908899 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 14908899 Background



This preview shows how black text looks on a background with the Decimal color 14908899.




This preview shows how white text looks on a background with the Decimal color 14908899.

# 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**  
14323353

# Trichromacy



**Original Color**  
14908899



**Protanomaly**  
10785781



**Deuteranomaly**  
11572447



**Tritanomaly**  
14518452

# Monochromacy



**Original Color**  
14908899



**Achromatopsia**  
10987431



**Achromatomaly**  
12425405

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14908899 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 #E37DE3 looks like.

```
.text, #text, p{  
  color:#E37DE3  
}
```

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 #E37DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37DE3
}
```

## Border

The CSS property to change the border of an element to Decimal 14908899 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
#E37DE3 }
```

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

```
.border{ border-color:#E37DE3 }
```

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

Here you see how a box with a 4 pixel #E37DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37DE3; -webkit-box-shadow:4px 4px  
4px 4px #E37DE3; box-shadow:4px 4px 4px  
4px #E37DE3 }
```

# Background

The CSS property to change the background color of an element to Decimal 14908899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37DE3 }
```

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

```
.background{ background-color:#E37DE3 }
```

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