

# Converting Colors

Decimal(14590689)

Have a look what the booklet for  
Decimal(14590689) contains.

<b>Decimal(14590689)</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(14590689)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEA2E1
RGB	222, 162, 225
RGB Percent	87%, 64%, 88%
CMY	0.1294, 0.3647, 0.1176
CMYK	0.01, 0.28, 0.00, 0.12
HSL	297°, 51%, 76%
HSV	297°, 28%, 88%
XYZ	56.6351, 46.8065, 77.2837
YIQ	187.1220, 15.5370, 32.3130

# Conversions

## Conversions Part 2

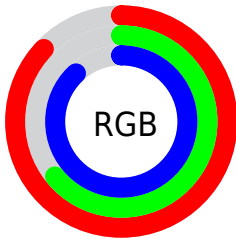
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 162, 225
Decimal	14590689
CIE <sub>Lab</sub>	74.07, 32.53, -23.12
CIE <sub>LCh</sub>	74, 39.909, 324.599
Yxy	46.8065, 0.3134, 0.2590
Android (android.graphics.Color)	4292780769 (0xFFDEA2E1)
YUV	187.1220, 18.6739, 30.5880
Hunter-Lab	68.4153, 28.0381, -19.0849

# Details

The Decimal color **14590689** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10871202**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16767487**, and **10907050** is the 20% darker color. If you saturate the color by 10%, you get **14519265**, and if you desaturate by 10%, it is **14662113**.

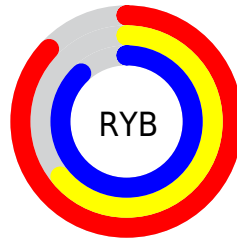
# Distribution



Red (87%)

Green (64%)

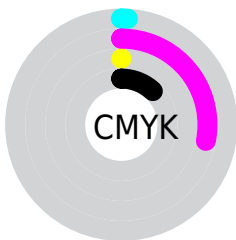
Blue (88%)



Red (87%)

Yellow (64%)

Blue (88%)

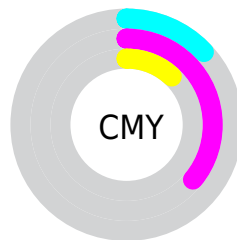


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (36%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14590689 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 14590689 by changing the saturation by 10% instead.



 14590689

 14590689

16777215

 12748741

 16767487

 10907050

 16774911

 9131151

 7421045

 5776476

 4131909

 2621486

 196633

 0

 14590689

 14590689

 14519265

 14662113

 14448097

 14733281

 14376929

 14804705

 14305505

 14875873

 14234081

 14942177

 14162913

 15007713

 14091745

 15138785

 14024929

 15204321

 15269857

# Harmonies

## Analogous

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



11644921



14590689



16292542

# Triad

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



14590689



13939309



1690067

# Complementary

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



14590689



10871202

# 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.



5491118



14590689



11517298

# Square

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



14590689



15771004



8701322



3196401

# Rectangle

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



14590689



16685733



8701322



3001031



# Sweetspot

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



14590689



16706559



10659297



8352640



0



8421504



# Same Dimension

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



14590689



16492799



14787269



7366000



11010224



3014704



# Inverse Universe

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



14787237



16754860



10674622



7365990



11534344

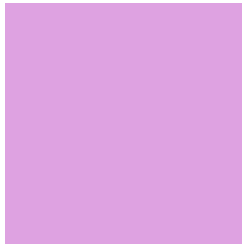


3145730



# Previews

## White Background



This preview shows how the Decimal color 14590689 looks on a white background.

## Color Contrast Check

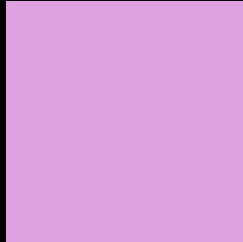
Large Text (above 18pt) WCAG AA × Fail

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 14590689 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

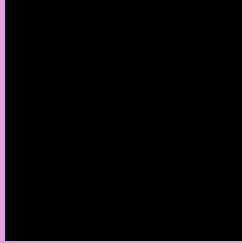
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14590689 Background



This preview shows how black text looks on a background with the Decimal color 14590689.

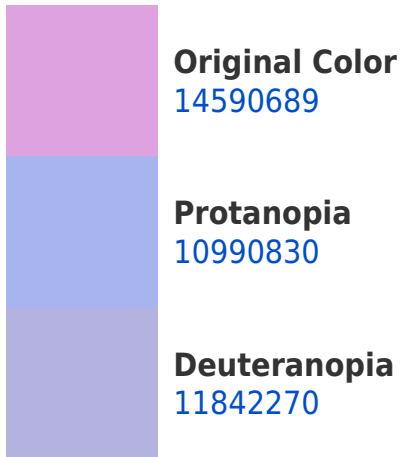



This preview shows how white text looks on a background with the Decimal color 14590689.

# 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**  
14199479

# Trichromacy



**Original Color**  
14590689



**Protanomaly**  
12299753



**Deuteranomaly**  
12823775



**Tritanomaly**  
14329798

# Monochromacy



**Original Color**  
14590689



**Achromatopsia**  
12303291



**Achromatomaly**  
13152969

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14590689 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 #DEA2E1 looks like.

```
.text, #text, p{  
  color:#DEA2E1  
}
```

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 #DEA2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA2E1
}
```

## Border

The CSS property to change the border of an element to Decimal 14590689 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
#DEA2E1 }
```

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

```
.border{ border-color:#DEA2E1 }
```

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

Here you see how a box with a 4 pixel #DEA2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA2E1; -webkit-box-shadow:4px 4px  
4px 4px #DEA2E1; box-shadow:4px 4px 4px  
4px #DEA2E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 14590689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA2E1 }
```

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

```
.background{ background-color:#DEA2E1 }
```

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