

# Converting Colors

Decimal(14714804)

Have a look what the booklet for  
Decimal(14714804) contains.

<b>Decimal(14714804)</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(14714804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E087B4
RGB	224, 135, 180
RGB Percent	88%, 53%, 71%
CMY	0.1216, 0.4706, 0.2941
CMYK	0.00, 0.40, 0.20, 0.12
HSL	330°, 59%, 70%
HSV	330°, 40%, 88%
XYZ	47.6427, 36.4705, 47.7085
YIQ	166.7410, 38.5990, 32.8630

# Conversions

## Conversions Part 2

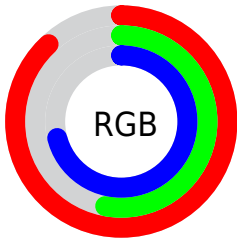
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 135, 180
Decimal	14714804
CIELab	66.88, 39.95, -9.01
CIELCh	67, 40.954, 347.286
Yxy	36.4705, 0.3614, 0.2767
Android (android.graphics.Color)	4292904884 (0xFFE087B4)
YUV	166.7410, 6.5367, 50.2161
Hunter-Lab	60.3908, 35.1357, -4.5653

# Details

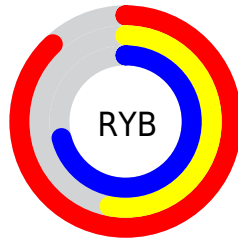
The Decimal color **14714804** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8904883**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16760556**, and **10965887** is the 20% darker color. If you saturate the color by 10%, you get **14709161**, and if you desaturate by 10%, it is **14720447**.

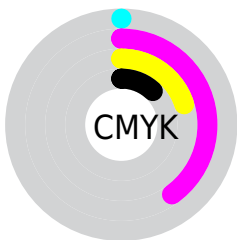
# Distribution



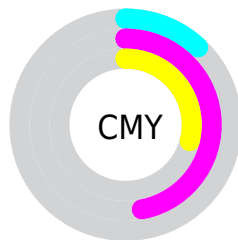
- Red (88%)
- Green (53%)
- Blue (71%)



- Red (88%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (12%)
















- Cyan (12%)
- Magenta (47%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14714804 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 14714804 by changing the saturation by 10% instead.



 14714804	 14714804
16777215	 12807577
 16760556	 10965887
 16767743	 9124454
 16775167	 7348302
	 5636151
	 3997730
	 2490378
	 0

 14714804	 14714804
----------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------

14709161

14720447

14703262

14726346

14697619

14731989

14691720

14737888

14686077

14743531

14680434

14745590

14680177

14745599

# Harmonies

## Analogous

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



12685781



14714804



15369871

# Triad

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



14714804



10856283



46040

# Complementary

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



14714804



8904883

# 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.



46775



14714804



8106095

# Square

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



14714804



13146970



4699537



4762602

# Rectangle

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



14714804



15043448



4699537



46286



# Sweetspot

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



14714804



16769264



11700192



8416887



0



8421504



# Same Dimension

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



14714804



16745922



14714760



7365995



11534425



3145752



# Inverse Universe

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



14714804



16745922



8904927



7365995



11534425



3145752



# Previews

## White Background



This preview shows how the Decimal color 14714804 looks on a white background.

## Color Contrast Check

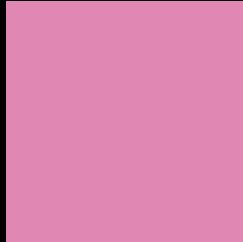
Large Text (above 18pt) WCAG AA × Fail

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 14714804 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 14714804 Background



This preview shows how black text looks on a background with the Decimal color 14714804.



This preview shows how white text looks on a background with the Decimal color 14714804.

# 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



**Original Color**  
14714804

**Protanopia**  
10199749

**Deuteranopia**  
11378352



**Tritanopia**  
14519447

# Trichromacy



**Original Color**

14714804



**Protanomaly**

11835583



**Deuteranomaly**

12621489



**Tritanomaly**

14584482

# Monochromacy



**Original Color**

14714804



**Achromatopsia**

10987431



**Achromatomaly**

12360620

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14714804 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 #E087B4 looks like.

```
.text, #text, p{  
    color:#E087B4  
}
```

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 #E087B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E087B4
}
```

## Border

The CSS property to change the border of an element to Decimal 14714804 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
#E087B4 }
```

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

```
.border{ border-color:#E087B4 }
```

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

Here you see how a box with a 4 pixel #E087B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E087B4; -webkit-box-shadow:4px 4px  
4px 4px #E087B4; box-shadow:4px 4px 4px  
4px #E087B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 14714804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E087B4 }
```

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

```
.background{ background-color:#E087B4 }
```

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