

# Converting Colors

Decimal(14972822)

Have a look what the booklet for  
Decimal(14972822) contains.

|  |    |
|--|----|
| <b>Decimal(14972822)</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(14972822)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E47796                     |
| RGB           | 228, 119, 150              |
| RGB Percent   | 89%, 47%, 59%              |
| CMY           | 0.1059, 0.5333, 0.4118     |
| CMYK          | 0.00, 0.48, 0.34, 0.11     |
| HSL           | 343°, 67%, 68%             |
| HSV           | 343°, 48%, 89%             |
| XYZ           | 44.0968, 31.8896, 32.6853  |
| YIQ           | 155.1250, 55.0130, 32.7490 |

# Conversions

## Conversions Part 2

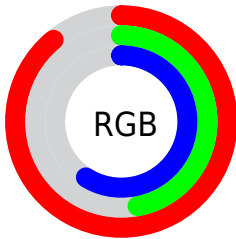
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 228, 119, 150                 |
| Decimal                             | 14972822                      |
| CIE <sub>Lab</sub>                  | 63.25, 45.47, 2.73            |
| CIE <sub>LCh</sub>                  | 63, 45.553, 3.431             |
| Yxy                                 | 31.8896, 0.4058,<br>0.2934    |
| Android<br>(android.graphics.Color) | 4293162902<br>(0xFFE47796)    |
| YUV                                 | 155.1250, -2.5266,<br>63.9114 |
| Hunter-Lab                          | 56.4709, 40.5622,<br>5.2126   |

# Details

The Decimal color **14972822** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7857349**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16756428**, and **11158115** is the 20% darker color. If you saturate the color by 10%, you get **14966918**, and if you desaturate by 10%, it is **14978726**.

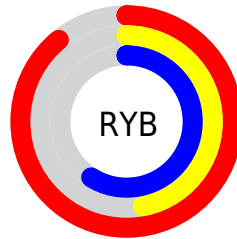
# Distribution



Red (89%)

Green (47%)

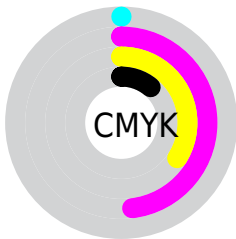
Blue (59%)



Red (89%)

Yellow (47%)

Blue (59%)

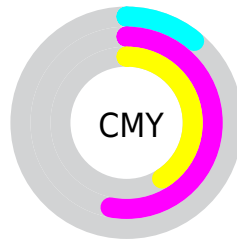


Cyan (0%)

Magenta (48%)

Yellow (34%)

Black (11%)



Cyan (11%)

Magenta (53%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14972822 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 14972822 by changing the saturation by 10% instead.




 14972822

 14972822

16777215

 13065596

 16756428

 11158115

 16763624

 9250636

 16770815

 7406645

 5636128

 3932168

 1966081

 0

 14972822

 14972822

 14966918

 14978726

 14961013

 14984631

 14955365

 14990279

 14949461

 14996183

 14943556

 15002088

 14942273

 15007736

 15007743

# Harmonies

## Analogous

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



13598398



14972822



14842991

# Triad

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



14972822



8627283



42977

# Complementary

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



14972822



7857349

# 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.



44485



14972822



5090163

# Square

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



14972822



11376710



44701



6069482

# Rectangle

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



14972822



14124377



44701



43481



# Sweetspot

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



14972822



16767973



12810212



8415856



0



8421504



# Same Dimension

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



14972822



16739991



14978423



7563115



11730995



3342351



# Inverse Universe

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



14972822



16739991



7851748



7563115



11730995



3342351



# Previews

## White Background



This preview shows how the Decimal color 14972822 looks on a white background.

## Color Contrast Check

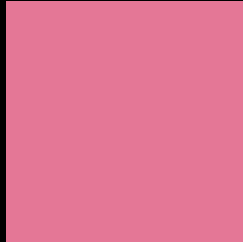
Large Text (above 18pt) WCAG AA × Fail

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 14972822 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 14972822 Background



This preview shows how black text looks on a background with the Decimal color 14972822.



This preview shows how white text looks on a background with the Decimal color 14972822.

# 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**  
14842499

# Trichromacy



**Original Color**  
14972822

**Protanomaly**  
11832739

**Deuteranomaly**  
12618131

**Tritanomaly**  
14907786

# Monochromacy



**Original Color**  
14972822

**Achromatopsia**  
10197915

**Achromatomaly**  
11964057

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14972822 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 #E47796 looks like.

```
.text, #text, p{  
    color:#E47796  
}
```

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 #E47796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47796
}
```

## Border

The CSS property to change the border of an element to Decimal 14972822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

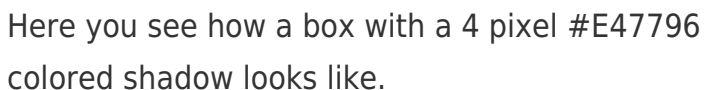
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E47796 }
```

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

```
.border{ border-color:#E47796 }
```

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



Here you see how a box with a 4 pixel #E47796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47796; -webkit-box-shadow:4px 4px  
4px 4px #E47796; box-shadow:4px 4px 4px  
4px #E47796 }
```

# Background

The CSS property to change the background color of an element to Decimal 14972822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47796 }
```

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

```
.background{ background-color:#E47796 }
```

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