

# Converting Colors

Decimal(14317222)

Have a look what the booklet for  
Decimal(14317222) contains.

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# **Color**

**Decimal(14317222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA76A6
RGB	218, 118, 166
RGB Percent	85%, 46%, 65%
CMY	0.1451, 0.5373, 0.3490
CMYK	0.00, 0.46, 0.24, 0.15
HSL	331°, 57%, 66%
HSV	331°, 46%, 85%
XYZ	42.2748, 30.6155, 39.7576
YIQ	153.3720, 44.1920, 36.1280

# Conversions

## Conversions Part 2

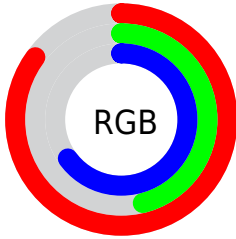
Format	Color
R <sub>Y</sub> B	218, 118, 166
Decimal	14317222
CIE Lab	62.18, 44.68, -8.15
CIE LCh	62, 45.415, 349.657
Yxy	30.6155, 0.3753, 0.2718
Android (android.graphics.Color)	4292507302 (0xFFDA76A6)
YUV	153.3720, 6.2256, 56.6788
Hunter-Lab	55.3312, 39.5499, -3.8703

# Details

The Decimal color **14317222** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7789226**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16755933**, and **10568306** is the 20% darker color. If you saturate the color by 10%, you get **14311579**, and if you desaturate by 10%, it is **14322865**.

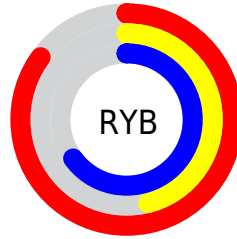
# Distribution



Red (85%)

Green (46%)

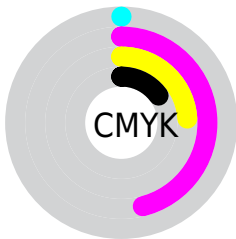
Blue (65%)



Red (85%)

Yellow (46%)

Blue (65%)

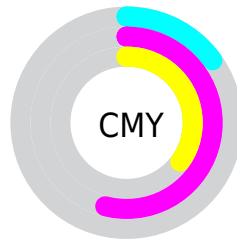


Cyan (0%)

Magenta (46%)

Yellow (24%)

Black (15%)



Cyan (15%)

Magenta (54%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14317222 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 14317222 by changing the saturation by 10% instead.



 14317222

 14317222

16777215

 12409996

 16755933

 10568306

 16763130

 8726362

 16770559

 6948418

 5177388

 3604504

 1507328

 0

 14317222

 14317222

14311579

14322865

14305935

14328509

14300548

14333896

14294905

14339539

14289261

14345183

14286953

14350826

14352373

14352383

# Harmonies

## Analogous

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



12222923



14317222



14841469

# Triad

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



14317222



9739335



42963

# Complementary

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



14317222



7789226

# 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.



43952



14317222



6661472

# Square

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



14317222



12226373



1354374



2007013

# Rectangle

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



14317222



14449765



1354374



43465



# Sweetspot

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



14317222



16767980



11171546



8415860



0



8421504



# Same Dimension

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



14317222



16741302



14317686



7234408



11337811



3014678



# Inverse Universe

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



14317222



16741302



7788762



7234408



11337811



3014678



# Previews

## White Background



This preview shows how the Decimal color 14317222 looks on a white background.

## Color Contrast Check

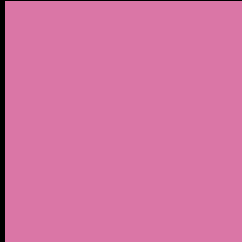
Large Text (above 18pt) WCAG AA × Fail

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 14317222 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 14317222 Background



This preview shows how black text looks on a background with the Decimal color 14317222.



This preview shows how white text looks on a background with the Decimal color 14317222.

# 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](#).

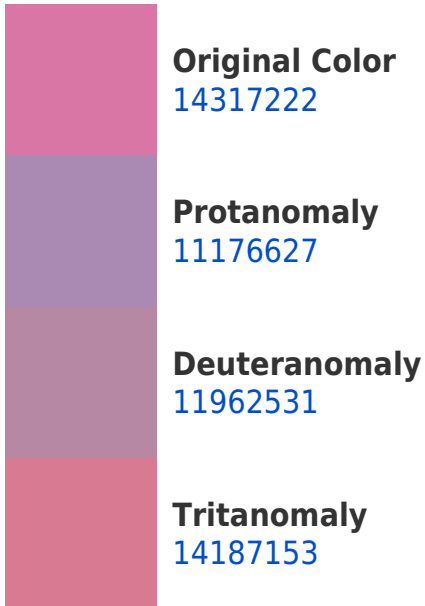
## Dichromacy





**Tritanopia**  
14122117

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14317222 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 #DA76A6 looks like.

```
.text, #text, p{  
    color:#DA76A6  
}
```

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 #DA76A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA76A6
}
```

## Border

The CSS property to change the border of an element to Decimal 14317222 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
#DA76A6 }
```

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

```
.border{ border-color:#DA76A6 }
```

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

Here you see how a box with a 4 pixel #DA76A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA76A6; -webkit-box-shadow:4px 4px  
4px 4px #DA76A6; box-shadow:4px 4px 4px  
4px #DA76A6 }
```

# Background

The CSS property to change the background color of an element to Decimal 14317222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA76A6 }
```

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

```
.background{ background-color:#DA76A6 }
```

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](#).



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