

# Converting Colors

Decimal(14117603)

Have a look what the booklet for  
Decimal(14117603) contains.

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# **Color**

**Decimal(14117603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D76AE3
RGB	215, 106, 227
RGB Percent	84%, 42%, 89%
CMY	0.1569, 0.5843, 0.1098
CMYK	0.05, 0.53, 0.00, 0.11
HSL	294°, 68%, 65%
HSV	294°, 53%, 89%
XYZ	47.0435, 30.3012, 76.0423
YIQ	152.3850, 26.1230, 60.7390

# Conversions

## Conversions Part 2

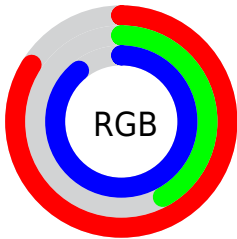
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">215, 106, 227</a>
Decimal	<a href="#">14117603</a>
CIELab	<a href="#">61.91, 59.68, -43.11</a>
CIElCh	<a href="#">62, 73.620, 324.155</a>
Yxy	<a href="#">30.3012, 0.3067, 0.1975</a>
Android (android.graphics.Color)	<a href="#">4292307683 (0xFFD76AE3)</a>
YUV	<a href="#">152.3850, 36.7852, 54.9134</a>
Hunter-Lab	<a href="#">55.0465, 56.2171, -43.3718</a>

# Details

The Decimal color **14117603** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7791466**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16753151**, and **10367659** is the 20% darker color. If you saturate the color by 10%, you get **13980643**, and if you desaturate by 10%, it is **14254563**.

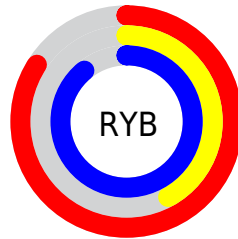
# Distribution



Red (84%)

Green (42%)

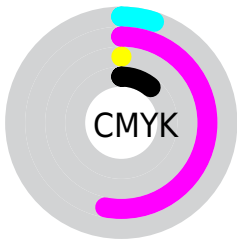
Blue (89%)



Red (84%)

Yellow (42%)

Blue (89%)

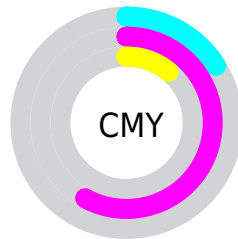


Cyan (5%)

Magenta (53%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (58%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14117603 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 14117603 by changing the saturation by 10% instead.



 14117603

 14117603

16777215

 12210119

 16753151

 10367659

 16760575

 8523408


 16767999

 6684790

 16775423

 4915293


 3276869

 1310765

 279

 0

 14117603

 14117603

 13980643

 14254563

 13778403

 14456803

 13641443

 14593763

 13504483

 14730723

 13369571

 14867683

 15069923

 15204323

 15335395

 15466467

# Harmonies

## Analogous

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



7899903



14117603



16732325

# Triad

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



14117603



12488192



46025

# Complementary

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



14117603



7791466

# 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.



45702



14117603



8430080

# Square

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



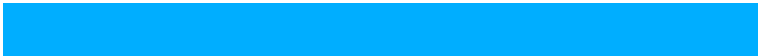
14117603



15561256



372035



44799

# Rectangle

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



14117603



16732282



372035



46004



# Sweetspot

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



14117603



16504575



6977251



8218496



0



8421504



# Same Dimension

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



14117603



15686911



14903987



7497587



10551475



3014707



# Inverse Universe

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



14903926



16735340



7005082



7563112



11730962

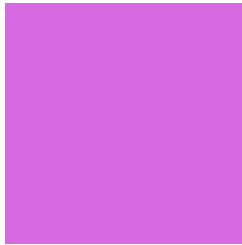


3342341



# Previews

## White Background



This preview shows how the Decimal color 14117603 looks on a white background.

## Color Contrast Check

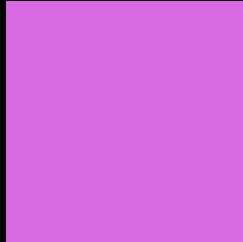
Large Text (above 18pt) WCAG AA × Fail

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 14117603 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

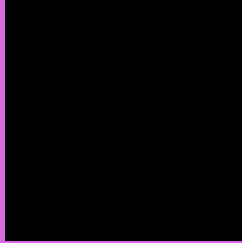
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14117603 Background



This preview shows how black text looks on a background with the Decimal color 14117603.




This preview shows how white text looks on a background with the Decimal color 14117603.

# 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**  
13336970

# Trichromacy



**Original Color**  
14117603



**Protanomaly**  
9470965



**Deuteranomaly**  
10192350



**Tritanomaly**  
13597098

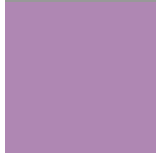
# Monochromacy



**Original Color**  
14117603



**Achromatopsia**  
10000536



**Achromatomaly**  
11503539

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14117603 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 #D76AE3 looks like.

```
.text, #text, p{  
    color:#D76AE3  
}
```

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 #D76AE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76AE3
}
```

## Border

The CSS property to change the border of an element to Decimal 14117603 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
#D76AE3 }
```

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

```
.border{ border-color:#D76AE3 }
```

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

Here you see how a box with a 4 pixel #D76AE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76AE3; -webkit-box-shadow:4px 4px  
4px 4px #D76AE3; box-shadow:4px 4px 4px  
4px #D76AE3 }
```

# Background

The CSS property to change the background color of an element to Decimal 14117603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76AE3 }
```

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

```
.background{ background-color:#D76AE3 }
```

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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