

# Converting Colors

Decimal(14116063)

Have a look what the booklet for  
Decimal(14116063) contains.

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# **Color**

**Decimal(14116063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D764DF
RGB	215, 100, 223
RGB Percent	84%, 39%, 87%
CMY	0.1569, 0.6078, 0.1255
CMYK	0.04, 0.55, 0.00, 0.13
HSL	296°, 66%, 63%
HSV	296°, 55%, 87%
XYZ	45.9008, 28.8891, 72.9690
YIQ	148.4070, 29.0570, 62.6330

# Conversions

## Conversions Part 2

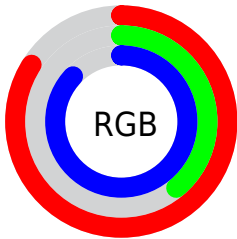
Format	Color
R <sub>Y</sub> B	215, 100, 223
Decimal	14116063
CIE Lab	60.68, 61.75, -42.81
CIE LCh	61, 75.135, 325.268
Yxy	28.8891, 0.3106, 0.1955
Android (android.graphics.Color)	4292306143 (0xFFD764DF)
YUV	148.4070, 36.7743, 58.4021
Hunter-Lab	53.7486, 58.3772, -42.8679

# Details

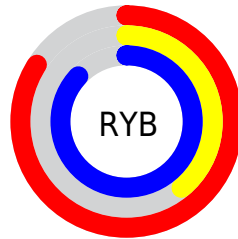
The Decimal color **14116063** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7135076**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16751871**, and **10300071** is the 20% darker color. If you saturate the color by 10%, you get **14044895**, and if you desaturate by 10%, it is **14187231**.

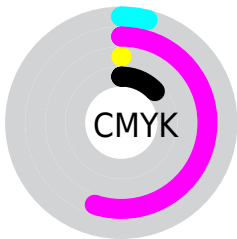
# Distribution



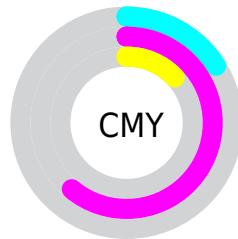
- Red (84%)
- Green (39%)
- Blue (87%)



- Red (84%)
- Yellow (39%)
- Blue (87%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (13%)



















- Cyan (16%)
- Magenta (61%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14116063 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 14116063 by changing the saturation by 10% instead.



 14116063	 14116063
 16777215	 12208323
 16751871	 10300071
 16759039	 8454284
 16766463	 6684786
 16773887	 4915289
	 3342401
	 1179690
	 276
	 0

■ 14116063

■ 14116063

■ 14044895

■ 14187231

■ 13907935

■ 14324191

■ 13836767

■ 14395359

■ 13700063

■ 14532063

■ 13631711

■ 14603231

■ 14740191

■ 14811103

■ 14942175

■ 15007711

# Harmonies

## Analogous

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



7898623



14116063



16730528

# Triad

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



14116063



12160000



45257

# Complementary

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



14116063



7135076

# 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.



44933



14116063



8036096

# Square

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



14116063



15298591



43585



44031

# Rectangle

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



14116063



16730740



43585



45235



# Sweetspot

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



14116063



16569599



6581471



8283776



0



8421504



# Same Dimension

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



14116063



16013311



14640298



7300464



10813616



2949168



# Inverse Universe

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



14640236



16734050



6610841



7365990



11534347

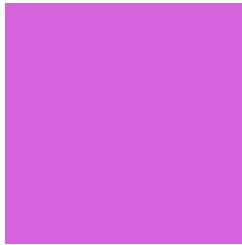


3145731



# Previews

## White Background



This preview shows how the Decimal color 14116063 looks on a white background.

## Color Contrast Check

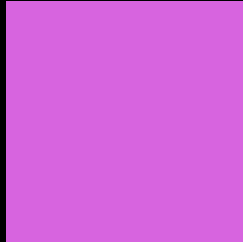
Large Text (above 18pt) WCAG AA ✓ Pass

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 14116063 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

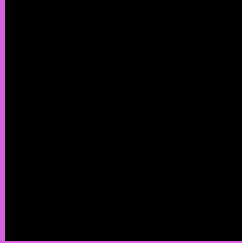
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 14116063 Background



This preview shows how black text looks on a background with the Decimal color 14116063.



This preview shows how white text looks on a background with the Decimal color 14116063.

# 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**  
13401221

# Trichromacy



**Original Color**

14116063



**Protanomaly**

9142259



**Deuteranomaly**

10060250



**Tritanomaly**

13661094

# Monochromacy



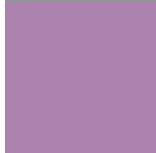
**Original Color**

14116063



**Achromatopsia**

9737364



**Achromatomaly**

11305903

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14116063 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 #D764DF looks like.

```
.text, #text, p{  
    color:#D764DF  
}
```

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 #D764DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D764DF
}
```

## Border

The CSS property to change the border of an element to Decimal 14116063 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
#D764DF }
```

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

```
.border{ border-color:#D764DF }
```

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

Here you see how a box with a 4 pixel #D764DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D764DF; -webkit-box-shadow:4px 4px  
4px 4px #D764DF; box-shadow:4px 4px 4px  
4px #D764DF }
```

# Background

The CSS property to change the background color of an element to Decimal 14116063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D764DF }
```

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

```
.background{ background-color:#D764DF }
```

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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