

# Converting Colors

Decimal(13986000)

Have a look what the booklet for  
Decimal(13986000) contains.

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# **Color**

**Decimal(13986000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D568D0
RGB	213, 104, 208
RGB Percent	84%, 41%, 82%
CMY	0.1647, 0.5922, 0.1843
CMYK	0.00, 0.51, 0.02, 0.16
HSL	303°, 56%, 62%
HSV	303°, 51%, 84%
XYZ	43.7761, 28.6008, 62.8878
YIQ	148.4470, 31.5800, 55.4520

# Conversions

## Conversions Part 2

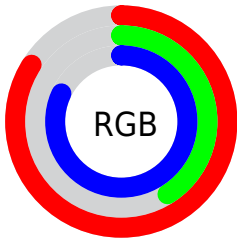
Format	Color
R <sub>Y</sub> B	213, 104, 208
Decimal	13986000
CIE Lab	60.43, 56.70, -34.79
CIE LCh	60, 66.522, 328.472
Yxy	28.6008, 0.3236, 0.2114
Android (android.graphics.Color)	4292176080 (0xFFD568D0)
YUV	148.4470, 29.3596, 56.6130
Hunter-Lab	53.4797, 52.5223, -32.2843

# Details

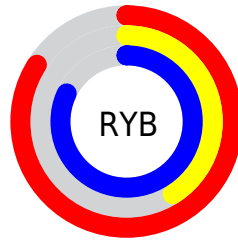
The Decimal color **13986000** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6870381**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16752639**, and **10236313** is the 20% darker color. If you saturate the color by 10%, you get **13980623**, and if you desaturate by 10%, it is **13991377**.

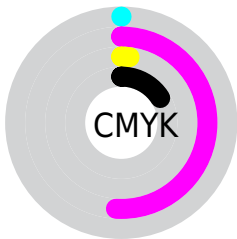
# Distribution



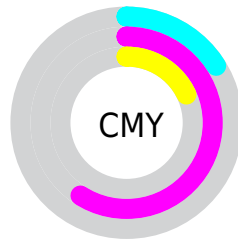
- Red (84%)
- Green (41%)
- Blue (82%)



- Red (84%)
- Yellow (41%)
- Blue (82%)



- Cyan (0%)
- Magenta (51%)
- Yellow (2%)
- Black (16%)


















- Cyan (16%)
- Magenta (59%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13986000 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 13986000 by changing the saturation by 10% instead.



 13986000	 13986000
16777215	 12078516
 16752639	 10236313
 16759807	 8392063
 16767231	 6619238
 16774655	 4849741
	 3342390
	 1114144
	 3
	 0

 13986000

 13986000

 13980623

 13991377

 13974990

 13997010

 13969613

 14002387

 13964236

 14007764

 13959371

 14013397

 14018774

 14024151

 14024664

 14024665

# Harmonies

## Analogous

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



9077754



13986000



16209559

# Triad

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



13986000



11570688



44232

# Complementary

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



13986000



6870381

# 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.



44173



13986000



7839513

# Square

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



13986000



14513962



43089



42997

# Rectangle

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



13986000



16406640



43089



44469



# Sweetspot

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



13986000



16767485



7104725



8415614



0



8421504



# Same Dimension

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



13986000



16737272



13985947



7037035



11206819



2818089



# Inverse Universe

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



13986000



16737272



6870434



7037035



11206819



2818089



# Previews

## White Background



This preview shows how the Decimal color 13986000 looks on a white background.

## Color Contrast Check

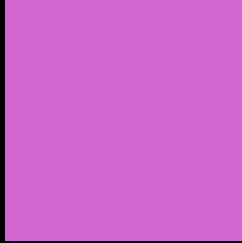
Large Text (above 18pt) WCAG AA ✓ Pass

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 13986000 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 13986000 Background



This preview shows how black text looks on a background with the Decimal color 13986000.




This preview shows how white text looks on a background with the Decimal color 13986000.

# 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**  
13400964

# Trichromacy



**Original Color**  
13986000



**Protanomaly**  
9601509



**Deuteranomaly**  
10518988



**Tritanomaly**  
13595808

# Monochromacy



**Original Color**  
13986000



**Achromatopsia**  
9737364



**Achromatomaly**  
11306154

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13986000 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 #D568D0 looks like.

```
.text, #text, p{  
    color:#D568D0  
}
```

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 #D568D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D568D0
}
```

## Border

The CSS property to change the border of an element to Decimal 13986000 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
#D568D0 }
```

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

```
.border{ border-color:#D568D0 }
```

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

Here you see how a box with a 4 pixel #D568D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D568D0; -webkit-box-shadow:4px 4px  
4px 4px #D568D0; box-shadow:4px 4px 4px  
4px #D568D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 13986000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D568D0 }
```

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

```
.background{ background-color:#D568D0 }
```

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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