

# Converting Colors

Decimal(14101686)

Have a look what the booklet for  
Decimal(14101686) contains.

<b>Decimal(14101686)</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(14101686)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D72CB6
RGB	215, 44, 182
RGB Percent	84%, 17%, 71%
CMY	0.1569, 0.8275, 0.2863
CMYK	0.00, 0.80, 0.15, 0.16
HSL	312°, 68%, 51%
HSV	312°, 80%, 84%
XYZ	37.3685, 19.6258, 46.0746
YIQ	110.8610, 57.6180, 79.1700

# Conversions

## Conversions Part 2

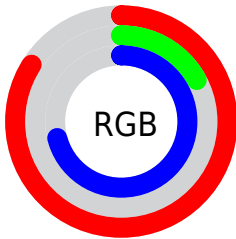
Format	Color
R <sub>Y</sub> B	215, 44, 182
Decimal	14101686
CIE Lab	51.41, 75.72, -33.93
CIE LCh	51, 82.976, 335.867
Yxy	19.6258, 0.3626, 0.1904
Android (android.graphics.Color)	4292291766 (0xFFD72CB6)
YUV	110.8610, 35.0715, 91.3299
Hunter-Lab	44.3011, 73.0402, -30.6529

# Details

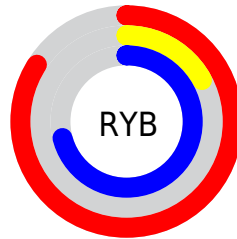
The Decimal color **14101686** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **2938701**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **16740078**, and **10223745** is the 20% darker color. If you saturate the color by 10%, you get **14096050**, and if you desaturate by 10%, it is **14107066**.

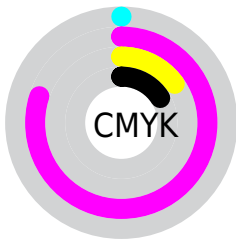
# Distribution



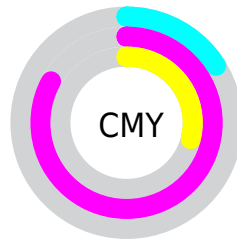
- Red (84%)
- Green (17%)
- Blue (71%)



- Red (84%)
- Yellow (17%)
- Blue (71%)



- Cyan (0%)
- Magenta (80%)
- Yellow (15%)
- Black (16%)



- Cyan (16%)
- Magenta (83%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14101686 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 14101686 by changing the saturation by 10% instead.



 14101686

 14101686

16777215

 12124315

 16740078

 10223745

 16747775

 8323175

 16755199

 6422607

 16762879

 4718647

 16770559

 2818081

 5

 0

 14101686

 14101686

■ 14096050

■ 14107066

■ 14090670

■ 14112702

■ 14090414

■ 14118082

■ 14123719

■ 14129355

■ 14134735

■ 14140371

■ 14145751

■ 14151387

# Harmonies

## Analogous

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



8871919



14101686



15925360

# Triad

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



14101686



9010176



38861

# Complementary

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



14101686



2938701

# 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.



39047



14101686



3706112

# Square

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



14101686



12673024



37947



37373

# Rectangle

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



14101686



15670594



37947



39095



# Sweetspot

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



14101686



16761587



4926679



8412024



0



8421504



# Same Dimension

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



14101686



16715216



14101602



7037033



11206794



2818083



# Inverse Universe

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



14101686



16715216



2938785



7037033



11206794



2818083



# Previews

## White Background



This preview shows how the Decimal color 14101686 looks on a white background.

## Color Contrast Check

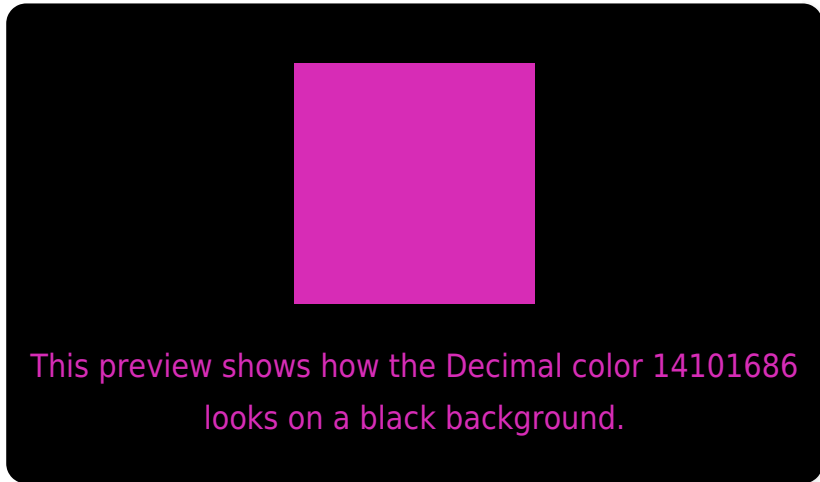
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

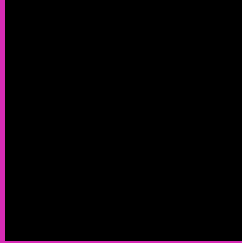
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 14101686 Background



This preview shows how black text looks on a background with the Decimal color 14101686.




This preview shows how white text looks on a background with the Decimal color 14101686.

# 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**  
13520981

# Trichromacy



**Original Color**  
14101686



**Protanomaly**  
6905054



**Deuteranomaly**  
9592496



**Tritanomaly**  
13714296

# Monochromacy



**Original Color**  
14101686



**Achromatopsia**  
7303023



**Achromatomaly**  
9787273

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14101686 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 #D72CB6 looks like.

```
.text, #text, p{  
    color:#D72CB6  
}
```

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 #D72CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72CB6
}
```

## Border

The CSS property to change the border of an element to Decimal 14101686 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
#D72CB6 }
```

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

```
.border{ border-color:#D72CB6 }
```

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

Here you see how a box with a 4 pixel #D72CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72CB6; -webkit-box-shadow:4px 4px  
4px 4px #D72CB6; box-shadow:4px 4px 4px  
4px #D72CB6 }
```

# Background

The CSS property to change the background color of an element to Decimal 14101686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72CB6 }
```

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

```
.background{ background-color:#D72CB6 }
```

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