

# Converting Colors

Decimal(13068182)

Have a look what the booklet for  
Decimal(13068182) contains.

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# **Color**

**Decimal(13068182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C76796
RGB	199, 103, 150
RGB Percent	78%, 40%, 59%
CMY	0.2196, 0.5961, 0.4118
CMYK	0.00, 0.48, 0.25, 0.22
HSL	331°, 46%, 59%
HSV	331°, 48%, 78%
XYZ	33.9085, 24.0446, 31.7081
YIQ	137.0620, 42.1290, 34.9690

# Conversions

## Conversions Part 2

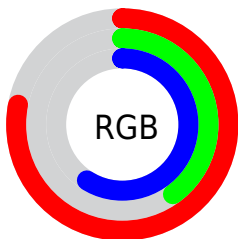
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 103, 150
Decimal	13068182
CIE <sub>Lab</sub>	56.13, 43.70, -8.20
CIE <sub>LCh</sub>	56, 44.464, 349.373
Yxy	24.0446, 0.3782, 0.2682
Android (android.graphics.Color)	4291258262 (0xFFC76796)
YUV	137.0620, 6.3784, 54.3196
Hunter-Lab	49.0353, 37.6229, -4.0144

# Details

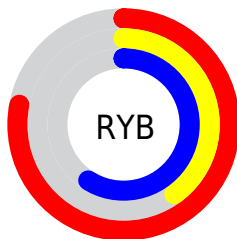
The Decimal color **13068182** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6801304**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16752076**, and **9384803** is the 20% darker color. If you saturate the color by 10%, you get **13063052**, and if you desaturate by 10%, it is **13073312**.

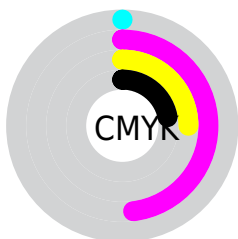
# Distribution



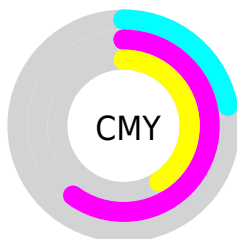
- Red (78%)
- Green (40%)
- Blue (59%)



- Red (78%)
- Yellow (40%)
- Blue (59%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (22%)





















- Cyan (22%)
- Magenta (60%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13068182 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 13068182 by changing the saturation by 10% instead.



 13068182	 13068182
 16777215	 11160956
 16752076	 9384803
 16759016	 7542603
 16766463	 5832757
 16773631	 4128800
	 2621445
	 0
 13068182	 13068182
 13063052	 13073312

13057922

13078442

13052792

13083572

13047661

13088703

13042787

13093833

13041761

13098707

13103837

13107175

13107185

# Harmonies

## Analogous

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



11104953



13068182



13592431

# Triad

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



13068182



8686650



38848

# Complementary

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



13068182



6801304

# 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.



39583



13068182



5739858

# Square

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



13068182



11108408



39287



36818

# Rectangle

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



13068182



13200727



39287



39095



# Sweetspot

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



13068182



16767981



9922503



8415860



0



8421504



# Same Dimension

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



13068182



16739252



13068135



6511198



10682448



2359313



# Inverse Universe

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



13068182



16739252



6801351



6511198



10682448

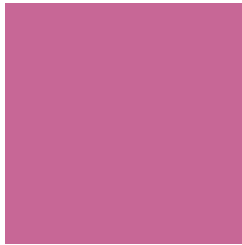


2359313



# Previews

## White Background



This preview shows how the Decimal color 13068182 looks on a white background.

## Color Contrast Check

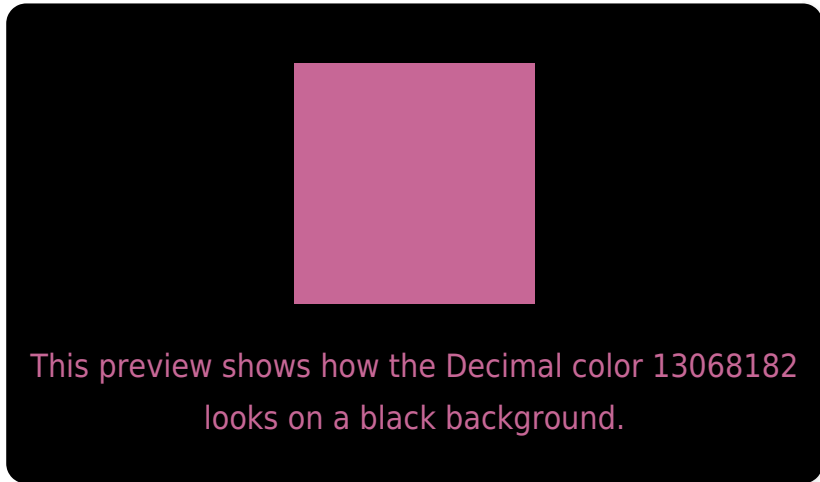
Large Text (above 18pt) WCAG AA ✓ Pass

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 13068182 Background



This preview shows how black text looks on a background with the Decimal color 13068182.



This preview shows how white text looks on a background with the Decimal color 13068182.

# 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**  
12873077

# Trichromacy



**Original Color**

13068182



**Protanomaly**

10058659



**Deuteranomaly**

10713491



**Tritanomaly**

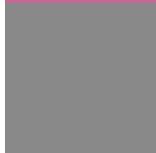
12938113

# Monochromacy



**Original Color**

13068182



**Achromatopsia**

9013641



**Achromatomaly**

10517902

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13068182 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 #C76796 looks like.

```
.text, #text, p{  
  color:#C76796  
}
```

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 #C76796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76796
}
```

## Border

The CSS property to change the border of an element to Decimal 13068182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

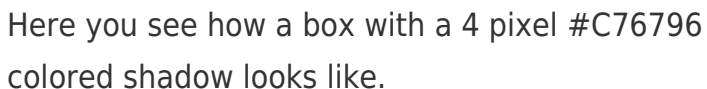
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C76796 }
```

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

```
.border{ border-color:#C76796 }
```

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



Here you see how a box with a 4 pixel #C76796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76796; -webkit-box-shadow:4px 4px  
4px 4px #C76796; box-shadow:4px 4px 4px  
4px #C76796 }
```

# Background

The CSS property to change the background color of an element to Decimal 13068182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76796 }
```

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

```
.background{ background-color:#C76796 }
```

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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