

# Converting Colors

Decimal(13394100)

Have a look what the booklet for  
Decimal(13394100) contains.

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# **Color**

**Decimal(13394100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC60B4
RGB	204, 96, 180
RGB Percent	80%, 38%, 71%
CMY	0.2000, 0.6235, 0.2941
CMYK	0.00, 0.53, 0.12, 0.20
HSL	313°, 51%, 59%
HSV	313°, 53%, 80%
XYZ	37.3229, 24.4984, 45.9415
YIQ	137.8680, 37.4040, 49.0200

# Conversions

## Conversions Part 2

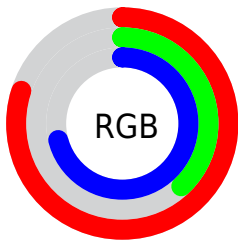
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 96, 180
Decimal	13394100
CIE <sub>Lab</sub>	56.58, 53.28, -24.86
CIE <sub>LCh</sub>	57, 58.798, 334.985
Yxy	24.4984, 0.3463, 0.2273
Android (android.graphics.Color)	4291584180 (0xFFCC60B4)
YUV	137.8680, 20.7711, 57.9978
Hunter-Lab	49.4959, 47.9823, -20.3853

# Details

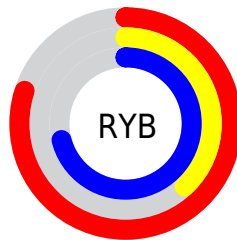
The Decimal color **13394100** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6343800**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16750572**, and **9644415** is the 20% darker color. If you saturate the color by 10%, you get **13388975**, and if you desaturate by 10%, it is **13399225**.

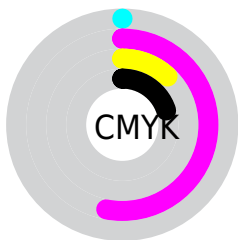
# Distribution



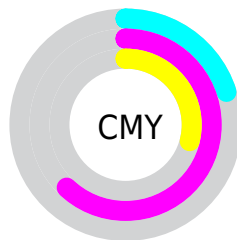
- Red (80%)
- Green (38%)
- Blue (71%)



- Red (80%)
- Yellow (38%)
- Blue (71%)



- Cyan (0%)
- Magenta (53%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (62%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13394100 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 13394100 by changing the saturation by 10% instead.



 13394100

 13394100

16777215

 11486617

 16750572

 9644415

 16757503

 7864678

 16764927

 6094925

 16772351

 4390966

 2818081

 4

 0

 13394100

 13394100

13388975

13399225

13383595

13404605

13378470

13409730

13373090

13415110

13369503

13420235

13425359

13430740

13434840

13434845

# Harmonies

## Analogous

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



9729756



13394100



14898561

# Triad

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



13394100



10127375



40897

# Complementary

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



13394100



6343800

# 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.



41103



13394100



6591788

# Square

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



13394100



12809510



40282



39140

# Rectangle

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



13394100



14900064



40282



41138



# Sweetspot

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



13394100



16766710



7823564



8415098



0



8421504



# Same Dimension

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



13394100



16735451



13394047



6708324



10879105



2490398



# Inverse Universe

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



13394100



16735451



6343853



6708324



10879105



2490398



# Previews

## White Background



This preview shows how the Decimal color 13394100 looks on a white background.

## Color Contrast Check

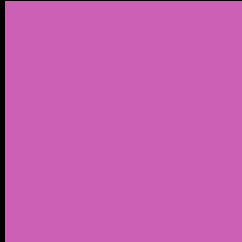
Large Text (above 18pt) WCAG AA ✓ Pass

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 13394100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

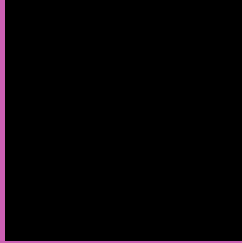
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13394100 Background



This preview shows how black text looks on a background with the Decimal color 13394100.



This preview shows how white text looks on a background with the Decimal color 13394100.

# 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**  
12938870

# Trichromacy



**Original Color**  
13394100



**Protanomaly**  
9468103



**Deuteranomaly**  
10320048



**Tritanomaly**  
13134221

# Monochromacy



**Original Color**  
13394100



**Achromatopsia**  
9079434



**Achromatomaly**  
10648473

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13394100 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 #CC60B4 looks like.

```
.text, #text, p{  
    color:#CC60B4  
}
```

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 #CC60B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC60B4
}
```

## Border

The CSS property to change the border of an element to Decimal 13394100 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
#CC60B4 }
```

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

```
.border{ border-color:#CC60B4 }
```

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

Here you see how a box with a 4 pixel #CC60B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC60B4; -webkit-box-shadow:4px 4px  
4px 4px #CC60B4; box-shadow:4px 4px 4px  
4px #CC60B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 13394100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC60B4 }
```

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

```
.background{ background-color:#CC60B4 }
```

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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