

# Converting Colors

Decimal(13394646)

Have a look what the booklet for  
Decimal(13394646) contains.

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# Color

**Decimal(13394646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC62D6
RGB	204, 98, 214
RGB Percent	80%, 38%, 84%
CMY	0.2000, 0.6157, 0.1608
CMYK	0.05, 0.54, 0.00, 0.16
HSL	295°, 59%, 61%
HSV	295°, 54%, 84%
XYZ	41.4071, 26.4278, 66.5370
YIQ	142.9180, 25.9400, 58.5480

# Conversions

## Conversions Part 2

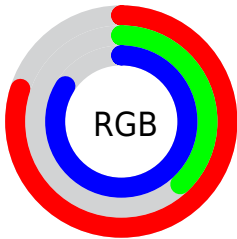
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 98, 214</a>
Decimal	<a href="#">13394646</a>
CIELab	<a href="#">58.44, 58.17, -41.37</a>
CIELCh	<a href="#">58, 71.384, 324.579</a>
Yxy	<a href="#">26.4278, 0.3082, 0.1967</a>
Android (android.graphics.Color)	<a href="#">4291584726 (0xFFCC62D6)</a>
YUV	<a href="#">142.9180, 35.0434, 53.5689</a>
Hunter-Lab	<a href="#">51.4080, 53.8110, -40.7531</a>

# Details

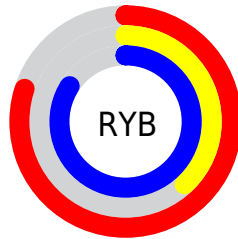
The Decimal color **13394646** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7132770**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16751103**, and **9644703** is the 20% darker color. If you saturate the color by 10%, you get **13258198**, and if you desaturate by 10%, it is **13531094**.

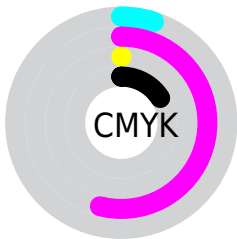
# Distribution



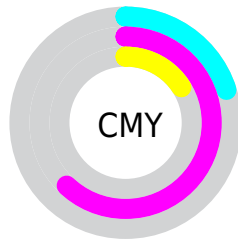
- Red (80%)
- Green (38%)
- Blue (84%)



- Red (80%)
- Yellow (38%)
- Blue (84%)



- Cyan (5%)
- Magenta (54%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (62%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13394646 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 13394646 by changing the saturation by 10% instead.



 13394646

 13394646

16777215

 11487162

 16751103

 9644703

 16758271

 7798916

 16765695

 6029418

 16773119

 4325458

 2752570

 35

 10


 0

 13394646

 13394646

 13258198

 13531094

 13121494

 13667798

 12985046

 13804246

 12913878

 13875414

 12845270

 14011862

 14148310

 14285014

 14417878

 14548950

# Harmonies

## Analogous

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



7438847



13394646



16075163

# Triad

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



13394646



11699712



43455

# Complementary

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



13394646



7132770

# 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.



43135



13394646



7837696

# Square

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



13394646



14641954



41790



42226

# Rectangle

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



13394646



16468337



41790



43434



# Sweetspot

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



13394646



16504575



6450902



8218496



0



8421504



# Same Dimension

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



13394646



15817215



14049960



6971499



10223787



2621483



# Inverse Universe

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



14049900



16734568



6477456



7037025



11206671



2818052



# Previews

## White Background



This preview shows how the Decimal color 13394646 looks on a white background.

## Color Contrast Check

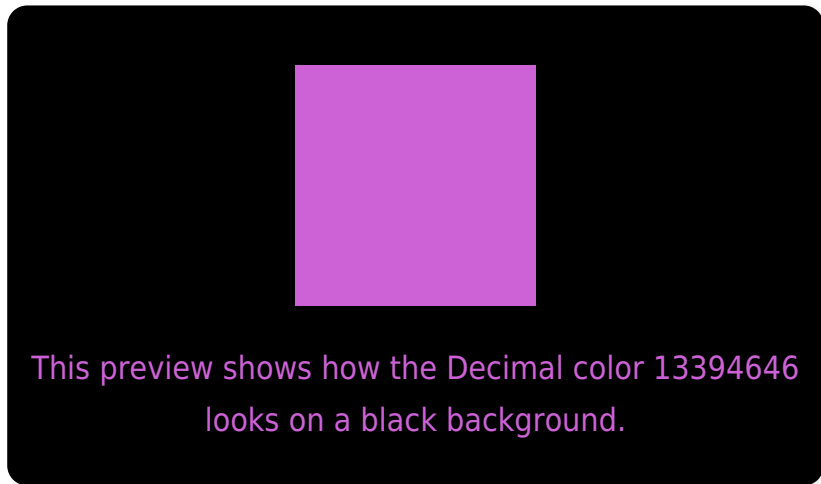
Large Text (above 18pt) WCAG AA ✓ Pass

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

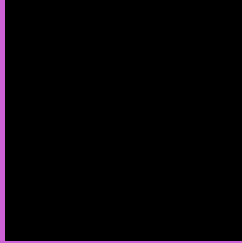
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13394646 Background



This preview shows how black text looks on a background with the Decimal color 13394646.

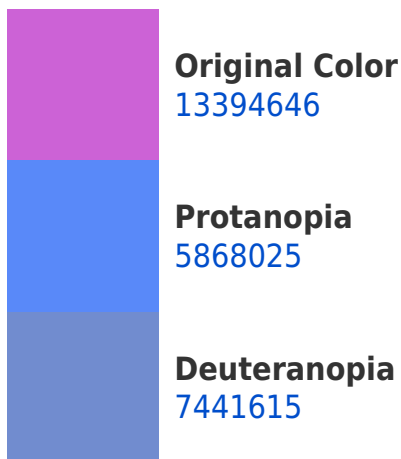


This preview shows how white text looks on a background with the Decimal color 13394646.

# 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**  
12679297

# Trichromacy



**Original Color**  
13394646



**Protanomaly**  
8616940



**Deuteranomaly**  
9600466



**Tritanomaly**  
12939424

# Monochromacy



**Original Color**  
13394646



**Achromatopsia**  
9408399



**Achromatomaly**  
10846121

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13394646 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 #CC62D6 looks like.

```
.text, #text, p{  
  color:#CC62D6  
}
```

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 #CC62D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC62D6
}
```

## Border

The CSS property to change the border of an element to Decimal 13394646 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
#CC62D6 }
```

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

```
.border{ border-color:#CC62D6 }
```

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

Here you see how a box with a 4 pixel #CC62D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC62D6; -webkit-box-shadow:4px 4px  
4px 4px #CC62D6; box-shadow:4px 4px 4px  
4px #CC62D6 }
```

# Background

The CSS property to change the background color of an element to Decimal 13394646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC62D6 }
```

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

```
.background{ background-color:#CC62D6 }
```

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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