

# Converting Colors

Decimal(13058416)

Have a look what the booklet for  
Decimal(13058416) contains.

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**Color**

**Decimal(13058416)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C74170
RGB	199, 65, 112
RGB Percent	78%, 25%, 44%
CMY	0.2196, 0.7451, 0.5608
CMYK	0.00, 0.67, 0.44, 0.22
HSL	339°, 54%, 52%
HSV	339°, 67%, 78%
XYZ	28.3681, 17.0926, 17.1333
YIQ	110.4240, 64.7770, 43.0250

# Conversions

## Conversions Part 2

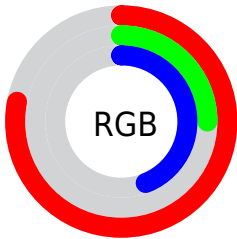
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 65, 112
Decimal	13058416
CIE Lab	48.38, 56.66, 3.02
CIE LCh	48, 56.740, 3.050
Yxy	17.0926, 0.4532, 0.2731
Android (android.graphics.Color)	4291248496 (0xFFC74170)
YUV	110.4240, 0.7770, 77.6812
Hunter-Lab	41.3431, 50.1295, 4.3695

# Details

The Decimal color **13058416** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4310936**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **16742820**, and **9175105** is the 20% darker color. If you saturate the color by 10%, you get **13053283**, and if you desaturate by 10%, it is **13063549**.

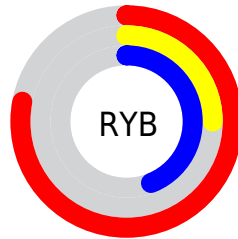
# Distribution



Red (78%)

Green (25%)

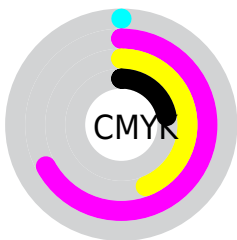
Blue (44%)



Red (78%)

Yellow (25%)

Blue (44%)

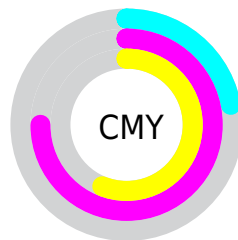


Cyan (0%)

Magenta (67%)

Yellow (44%)

Black (22%)



Cyan (22%)

Magenta (75%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13058416 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 13058416 by changing the saturation by 10% instead.



 13058416

 13058416

16777215

 11084376

 16742820

 9175105

 16750015

 7274539

 16757210

 5439511

 16764663

 3735554

 16772095

 1048576

 0

 13058416

 13058416

 13053283

 13063549

 13048150

 13068682

 13043017

 13073815

 13041734

 13078948

 13084081

 13088958

 13094090

 13099223

 13104356

# Harmonies

## Analogous

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



11554207



13058416



12798785

# Triad

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



13058416



5537558



33736

# Complementary

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



13058416



4310936

# 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.



34982



13058416



34373

# Square

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



13058416



8745472



35191



30675

# Rectangle

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



13058416



11884837



35191



34239



# Sweetspot

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



13058416



16764126



9847239



8413548



0



8421504



# Same Dimension

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



13058416



16724089



13062977



6511197



10682425



2359309



# Inverse Universe

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



13058416



16724089



4306375



6511197



10682425



2359309



# Previews

## White Background



This preview shows how the Decimal color 13058416 looks on a white background.

## Color Contrast Check

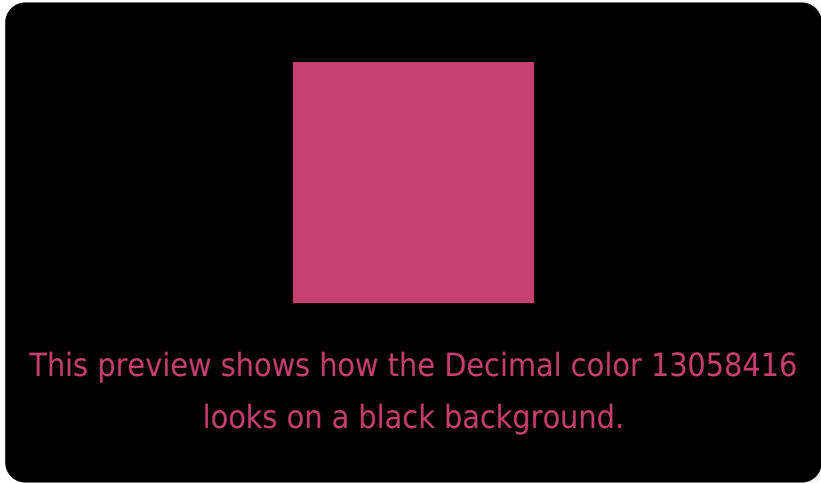
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

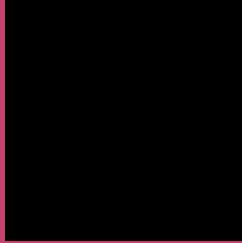
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 13058416 Background



This preview shows how black text looks on a background with the Decimal color 13058416.

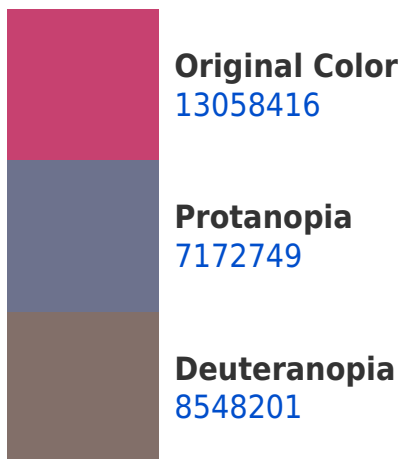


This preview shows how white text looks on a background with the Decimal color 13058416.

# 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





# Trichromacy



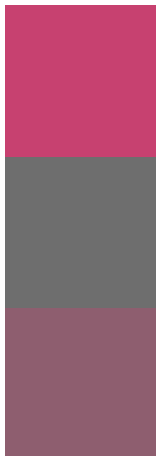
**Original Color**  
13058416

**Protanomaly**  
9330818

**Deuteranomaly**  
10182252

**Tritanomaly**  
12994138

# Monochromacy



**Original Color**  
13058416

**Achromatopsia**  
7237230

**Achromatomaly**  
9330287

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13058416 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 #C74170 looks like.

```
.text, #text, p{  
  color:#C74170  
}
```

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 #C74170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C74170
}
```

## Border

The CSS property to change the border of an element to Decimal 13058416 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
#C74170 }
```

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

```
.border{ border-color:#C74170 }
```

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

Here you see how a box with a 4 pixel #C74170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C74170; -webkit-box-shadow:4px 4px  
4px 4px #C74170; box-shadow:4px 4px 4px  
4px #C74170 }
```

# Background

The CSS property to change the background color of an element to Decimal 13058416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C74170 }
```

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

```
.background{ background-color:#C74170 }
```

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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