

Converting Colors

Decimal(13068170)

Have a look what the booklet for
Decimal(13068170) contains.

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Color

Decimal(13068170)

Conversions

Conversions Part 1

Format	Color
Hex	C7678A
RGB	199, 103, 138
RGB Percent	78%, 40%, 54%
CMY	0.2196, 0.5961, 0.4588
CMYK	0.00, 0.48, 0.31, 0.22
HSL	338°, 46%, 59%
HSV	338°, 48%, 78%
XYZ	32.9909, 23.6776, 26.8762
YIQ	135.6940, 45.9810, 31.2370

Conversions

Conversions Part 2

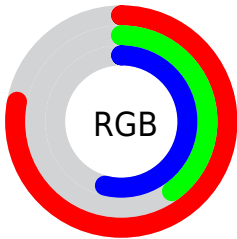
Format	Color
R_{YB}	199, 103, 138
Decimal	13068170
CIE _{Lab}	55.76, 42.06, -1.73
CIE _{LCh}	56, 42.099, 357.648
Yxy	23.6776, 0.3949, 0.2834
Android (android.graphics.Color)	4291258250 (0xFFC7678A)
YUV	135.6940, 1.1369, 55.5194
Hunter-Lab	48.6596, 35.8674, 1.3141

Details

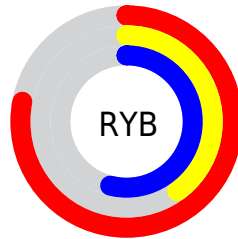
The Decimal color **13068170** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6801316**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16751807**, and **9319256** is the 20% darker color. If you saturate the color by 10%, you get **13063037**, and if you desaturate by 10%, it is **13073303**.

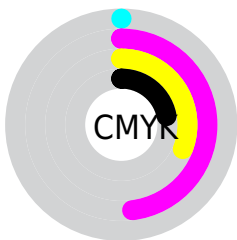
Distribution



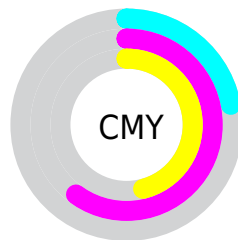
- Red (78%)
- Green (40%)
- Blue (54%)



- Red (78%)
- Yellow (40%)
- Blue (54%)



- Cyan (0%)
- Magenta (48%)
- Yellow (31%)
- Black (22%)



- Cyan (22%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 13068170 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 13068170 by changing the saturation by 10% instead.

 13068170

 13068170

16777215

 11160945

 16751807

 9319256

 16759003

 7542849

 16766200

 5767211

 16773631

 4063255

 2424833

 0

 13068170

 13068170

 13063037

 13073303

 13057905

 13078435

 13052772

 13083568

 13047639

 13088701

 13042763

 13093833

 13041737

 13098710

 13103843

 13107183

 13107196

Harmonies

Analogous

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



11562925



13068170



13199974

Triad

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



13068170



7966274



37827

Complementary

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



13068170



6801316

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.



39078



13068170



4953437

Square

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



13068170



10388282



39041



3902158

Rectangle

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



13068170



12677457



39041



38331

Sweetspot

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



13068170



16767976



10774471



8415858



0



8421504

Same Dimension

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



13068170



16739233



13071463



6511197



10682427



2359309

Inverse Universe

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



13068170



16739233



6798023



6511197



10682427



2359309

Previews

White Background



This preview shows how the Decimal color 13068170 looks on a white background.

Color Contrast Check

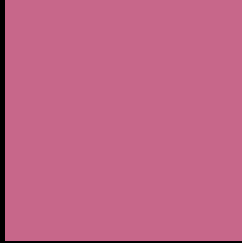
Large Text (above 18pt) WCAG AA ✓ Pass

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 13068170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

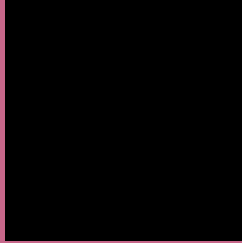
Any Text WCAG AA ✓ Pass

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 13068170 Background



This preview shows how black text looks on a background with the Decimal color 13068170.



This preview shows how white text looks on a background with the Decimal color 13068170.

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
12938099

Trichromacy



Original Color
13068170

Protanomaly
10189462

Deuteranomaly
10909831

Tritanomaly
13003387

Monochromacy



Original Color
13068170

Achromatopsia
8947848

Achromatomaly
10452105

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13068170 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 #C7678A looks like.

```
.text, #text, p{  
    color:#C7678A  
}
```

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 #C7678A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7678A
}
```

Border

The CSS property to change the border of an element to Decimal 13068170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

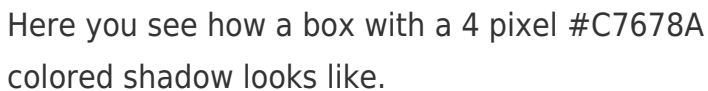
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7678A }
```

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

```
.border{ border-color:#C7678A }
```

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



Here you see how a box with a 4 pixel #C7678A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7678A; -webkit-box-shadow:4px 4px  
4px 4px #C7678A; box-shadow:4px 4px 4px  
4px #C7678A }
```

Background

The CSS property to change the background color of an element to Decimal 13068170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7678A }
```

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

```
.background{ background-color:#C7678A }
```

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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