

# Converting Colors

Decimal(13384300)

Have a look what the booklet for  
Decimal(13384300) contains.

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# Color

**Decimal(13384300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3A6C
RGB	204, 58, 108
RGB Percent	80%, 23%, 42%
CMY	0.2000, 0.7725, 0.5765
CMYK	0.00, 0.72, 0.47, 0.20
HSL	339°, 59%, 51%
HSV	339°, 72%, 80%
XYZ	29.1217, 16.9462, 15.9234
YIQ	107.3540, 70.9660, 46.5020

# Conversions

## Conversions Part 2

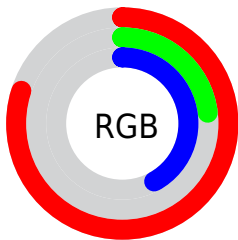
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 58, 108
Decimal	13384300
CIE <sub>Lab</sub>	48.19, 60.39, 5.30
CIE <sub>LCh</sub>	48, 60.619, 5.020
Yxy	16.9462, 0.4698, 0.2734
Android (android.graphics.Color)	4291574380 (0xFFCC3A6C)
YUV	107.3540, 0.3185, 84.7585
Hunter-Lab	41.1658, 54.2352, 5.8819

# Details

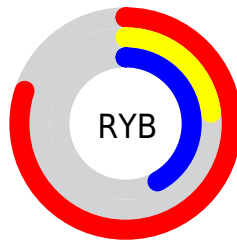
The Decimal color **13384300** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3853466**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **16741535**, and **9437245** is the 20% darker color. If you saturate the color by 10%, you get **13379167**, and if you desaturate by 10%, it is **13389433**.

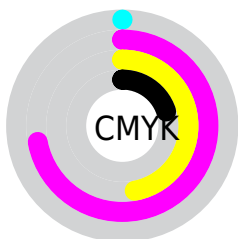
# Distribution



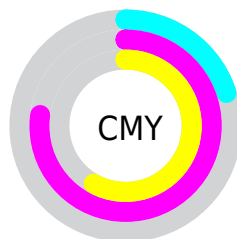
- Red (80%)
- Green (23%)
- Blue (42%)



- Red (80%)
- Yellow (23%)
- Blue (42%)



- Cyan (0%)
- Magenta (72%)
- Yellow (47%)
- Black (20%)



- Cyan (20%)
- Magenta (77%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13384300 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 13384300 by changing the saturation by 10% instead.



 13384300

 13384300

16777215

 11408980

 16741535

 9437245

 16748730

 7536680

 16755926

 5636115

 16763378

 3866627

 16771071

 1376256

 0

 13384300

 13384300

 13379167

 13389433

 13373777

 13394823

 13369414

 13399956

 13405346

 13410479

 13415612

 13421002

 13426135

 13431525

# Harmonies

## Analogous

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



11945887



13384300



12994619

# Triad

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



13384300



5013517



33743

# Complementary

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



13384300



3853466

# 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.



35244



13384300



34628

# Square

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



13384300



8549120



35194



30425

# Rectangle

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



13384300



11950107



35194



34502



# Sweetspot

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



13384300



16763356



10042060



8413291



0



8421504



# Same Dimension

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



13384300



16721007



13389882



6708319



10879033



2490381



# Inverse Universe

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



13384300



16721007



3847884



6708319



10879033



2490381



# Previews

## White Background



This preview shows how the Decimal color 13384300 looks on a white background.

## Color Contrast Check

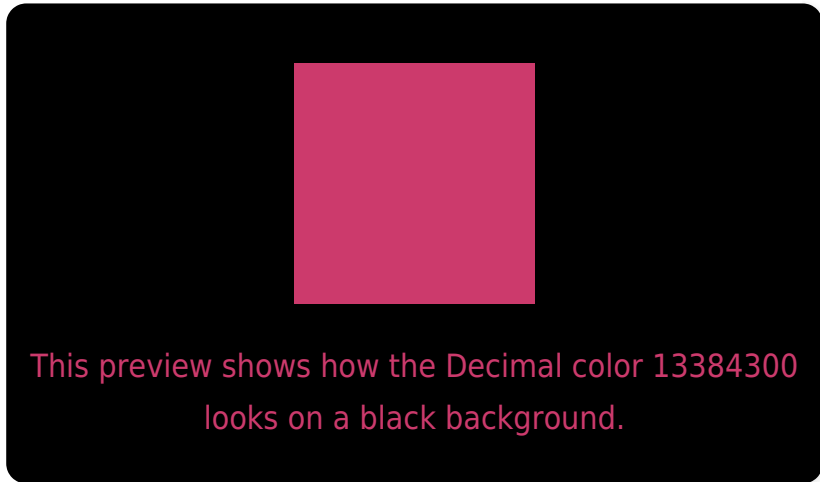
Large Text (above 18pt) WCAG AA ✓ Pass

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 13384300 Background



This preview shows how black text looks on a background with the Decimal color 13384300.




This preview shows how white text looks on a background with the Decimal color 13384300.

# 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**  
13255494

# Trichromacy



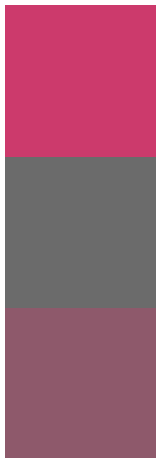
**Original Color**  
13384300

**Protanomaly**  
9461376

**Deuteranomaly**  
10378344

**Tritanomaly**  
13320276

# Monochromacy



**Original Color**  
13384300

**Achromatopsia**  
7039851

**Achromatomaly**  
9329003

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13384300 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 #CC3A6C looks like.

```
.text, #text, p{  
    color:#CC3A6C  
}
```

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 #CC3A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3A6C
}
```

## Border

The CSS property to change the border of an element to Decimal 13384300 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
#CC3A6C }
```

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

```
.border{ border-color:#CC3A6C }
```

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

Here you see how a box with a 4 pixel #CC3A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3A6C; -webkit-box-shadow:4px 4px  
4px 4px #CC3A6C; box-shadow:4px 4px 4px  
4px #CC3A6C }
```

# Background

The CSS property to change the background color of an element to Decimal 13384300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3A6C }
```

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

```
.background{ background-color:#CC3A6C }
```

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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