

Converting Colors

Decimal(13265075)

Have a look what the booklet for
Decimal(13265075) contains.

Decimal(13265075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13265075)

Conversions

Conversions Part 1

Format	Color
Hex	CA68B3
RGB	202, 104, 179
RGB Percent	79%, 41%, 70%
CMY	0.2078, 0.5922, 0.2980
CMYK	0.00, 0.49, 0.11, 0.21
HSL	314°, 48%, 60%
HSV	314°, 49%, 79%
XYZ	37.4441, 25.7119, 45.6372
YIQ	141.8520, 34.3330, 44.1010

Conversions

Conversions Part 2

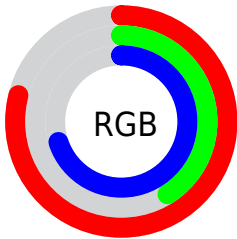
Format	Color
R_{YB}	202, 104, 179
Decimal	13265075
CIE _{Lab}	57.76, 48.60, -22.50
CIE _{LCh}	58, 53.551, 335.157
Yxy	25.7119, 0.3442, 0.2363
Android (android.graphics.Color)	4291455155 (0xFFCA68B3)
YUV	141.8520, 18.3140, 52.7498
Hunter-Lab	50.7069, 43.0750, -17.8674

Details

The Decimal color **13265075** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6867583**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16752363**, and **9581438** is the 20% darker color. If you saturate the color by 10%, you get **13259950**, and if you desaturate by 10%, it is **13270200**.

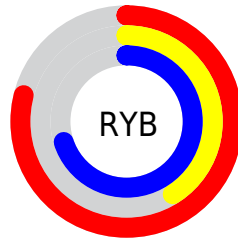
Distribution



Red (79%)

Green (41%)

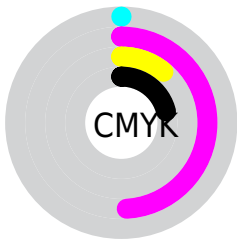
Blue (70%)



Red (79%)

Yellow (41%)

Blue (70%)

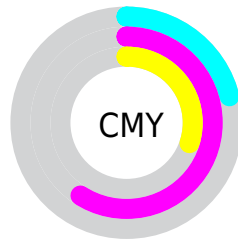


Cyan (0%)

Magenta (49%)

Yellow (11%)

Black (21%)



Cyan (21%)

Magenta (59%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13265075 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 13265075 by changing the saturation by 10% instead.

 13265075

 13265075

16777215

 11423384

 16752363

 9581438

 16759551

 7738725

 16766719

 6029389

 16774143

 4325430

 2818080

 3

 0

 13265075

 13265075

13259950

13270200

13254826

13275324

13249445

13280705

13244320

13285830

13239195

13290955

13238427

13296079

13301204

13303769

13303774

Harmonies

Analogous

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



9927640



13265075



14638981

Triad

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



13265075



10259237



41151

Complementary

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



13265075



6867583

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.



41362



13265075



7116601

Square

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



13265075



12810804



1548130



39647

Rectangle

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



13265075



14640230



1548130



41393

Sweetspot

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



13265075



16767478



8349898



8415610



0



8421504

Same Dimension

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



13265075



16739292



13265026



6708324



10879103



2490397

Inverse Universe

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



13265075



16739292



6867632



6708324



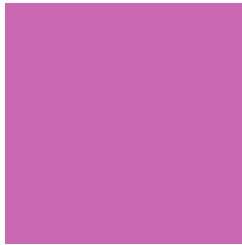
10879103



2490397

Previews

White Background



This preview shows how the Decimal color 13265075 looks on a white background.

Color Contrast Check

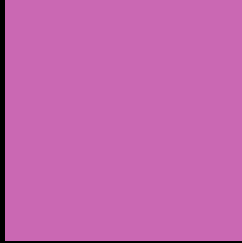
Large Text (above 18pt) WCAG AA ✓ Pass

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 13265075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

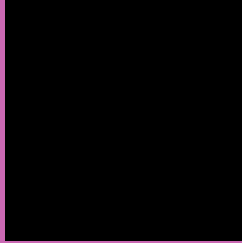
Any Text WCAG AA ✓ Pass

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 13265075 Background



This preview shows how black text looks on a background with the Decimal color 13265075.



This preview shows how white text looks on a background with the Decimal color 13265075.

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
12874877

Trichromacy



Original Color
13265075



Protanomaly
9731523



Deuteranomaly
10452143



Tritanomaly
13004945

Monochromacy



Original Color
13265075



Achromatopsia
9342606



Achromatomaly
10780827

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13265075 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 #CA68B3 looks like.

```
.text, #text, p{  
  color:#CA68B3  
}
```

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 #CA68B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA68B3
}
```

Border

The CSS property to change the border of an element to Decimal 13265075 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
#CA68B3 }
```

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

```
.border{ border-color:#CA68B3 }
```

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

Here you see how a box with a 4 pixel #CA68B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA68B3; -webkit-box-shadow:4px 4px  
4px 4px #CA68B3; box-shadow:4px 4px 4px  
4px #CA68B3 }
```

Background

The CSS property to change the background color of an element to Decimal 13265075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA68B3 }
```

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

```
.background{ background-color:#CA68B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor