

Converting Colors

Decimal(13680354)

Have a look what the booklet for
Decimal(13680354) contains.

Decimal(13680354)	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(13680354)

Conversions

Conversions Part 1

Format	Color
Hex	D0BEE2
RGB	208, 190, 226
RGB Percent	82%, 75%, 89%
CMY	0.1843, 0.2549, 0.1137
CMYK	0.08, 0.16, 0.00, 0.11
HSL	270°, 38%, 82%
HSV	270°, 16%, 89%
XYZ	58.1533, 55.7278, 79.6430
YIQ	199.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

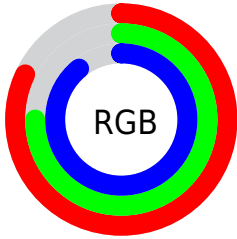
Format	Color
R _Y B	208, 190, 226
Decimal	13680354
CIE Lab	79.46, 13.01, -15.62
CIE LCh	79, 20.328, 309.799
Yxy	55.7278, 0.3005, 0.2880
Android (android.graphics.Color)	4291870434 (0xFFD0BEE2)
YUV	199.4860, 13.0714, 7.4668
Hunter-Lab	74.6511, 8.4126, -10.9990

Details

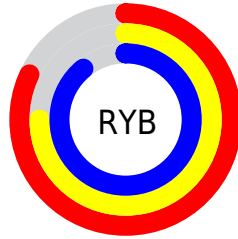
The Decimal color **13680354** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **13689534**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16774911**, and **10062251** is the 20% darker color. If you saturate the color by 10%, you get **12953570**, and if you desaturate by 10%, it is **14407138**.

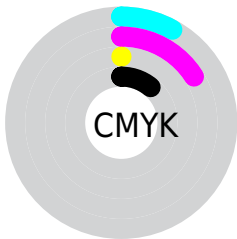
Distribution



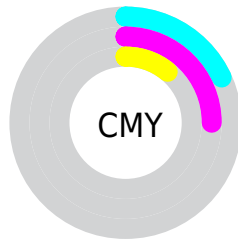
- Red (82%)
- Green (75%)
- Blue (89%)



- Red (82%)
- Yellow (75%)
- Blue (89%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13680354 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 13680354 by changing the saturation by 10% instead.

■ 13680354

■ 13680354

16777215

■ 11838406

■ 16774911

■ 10062251

■ 8351632

■ 6707062

■ 5128030

■ 3615046

■ 2168111

■ 720923

■ 0

 13680354

 13680354

 12953570

 14407138

 12161506

 15199202

 11434722

 15925218


 10708194

 16646114

 9981410

 16777186

 9189090

 8462562

 7735778

 7405794

Harmonies

Analogous

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



12109034



13680354



14924242

Triad

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



13680354



14663586



9818315

Complementary

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



13680354



13689534

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.



10735543



13680354



13485728

Square

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



13680354



15383213



12110759



9686748

Rectangle

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



13680354



15382726



12110759



10014916

Sweetspot

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



13680354



16380671



12505314



8157312



0



8421504

Same Dimension

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



13680354



15192063



14860002



7038320



5767344



1572912

Inverse Universe

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



14859984



16764903



12509886



7365995



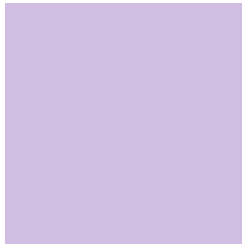
11534424



3145752

Previews

White Background



This preview shows how the Decimal color 13680354 looks on a white background.

Color Contrast Check

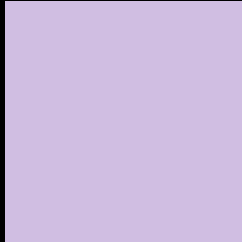
Large Text (above 18pt) WCAG AA × Fail

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 13680354 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 ✓ Pass

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

Decimal 13680354 Background



This preview shows how black text looks on a background with the Decimal color 13680354.



This preview shows how white text looks on a background with the Decimal color 13680354.

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
13484496

Trichromacy



Original Color
13680354

Protanomaly
12960228

Deuteranomaly
13418466

Tritanomaly
13549783

Monochromacy



Original Color
13680354

Achromatopsia
13092807

Achromatomaly
13288657

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13680354 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 #D0BEE2 looks like.

```
.text, #text, p{  
    color:#D0BEE2  
}
```

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 #D0BEE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0BEE2
}
```

Border

The CSS property to change the border of an element to Decimal 13680354 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
#D0BEE2 }
```

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

```
.border{ border-color:#D0BEE2 }
```

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

Here you see how a box with a 4 pixel #D0BEE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0BEE2; -webkit-box-shadow:4px 4px  
4px 4px #D0BEE2; box-shadow:4px 4px 4px  
4px #D0BEE2 }
```

Background

The CSS property to change the background color of an element to Decimal 13680354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0BEE2 }
```

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

```
.background{ background-color:#D0BEE2 }
```

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