

Converting Colors

Decimal(13470176)

Have a look what the booklet for
Decimal(13470176) contains.

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Color

Decimal(13470176)

Conversions

Conversions Part 1

Format	Color
Hex	CD89E0
RGB	205, 137, 224
RGB Percent	80%, 54%, 88%
CMY	0.1961, 0.4627, 0.1216
CMYK	0.08, 0.39, 0.00, 0.12
HSL	287°, 58%, 71%
HSV	287°, 39%, 88%
XYZ	47.5770, 36.2523, 75.0108
YIQ	167.2500, 12.6010, 41.4730

Conversions

Conversions Part 2

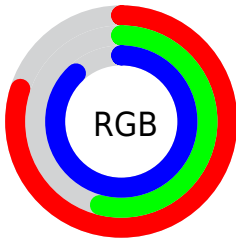
Format	Color
RYB	205, 137, 224
Decimal	13470176
CIELab	66.71, 40.48, -34.03
CIELCh	67, 52.885, 319.947
Yxy	36.2523, 0.2995, 0.2282
Android (android.graphics.Color)	4291660256 (0xFFCD89E0)
YUV	167.2500, 27.9778, 33.1067
Hunter-Lab	60.2099, 35.6811, -31.7179

Details

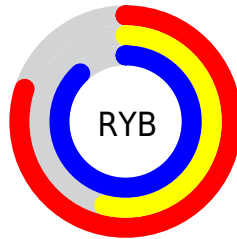
The Decimal color **13470176** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **10281097**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16761087**, and **9786792** is the 20% darker color. If you saturate the color by 10%, you get **13136864**, and if you desaturate by 10%, it is **13803488**.

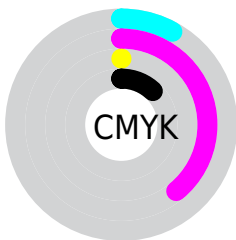
Distribution



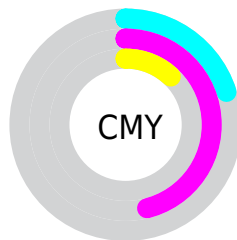
- Red (80%)
- Green (54%)
- Blue (88%)



- Red (80%)
- Yellow (54%)
- Blue (88%)



- Cyan (8%)
- Magenta (39%)
- Yellow (0%)
- Black (12%)


















- Cyan (20%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 13470176 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 13470176 by changing the saturation by 10% instead.

 13470176	 13470176
 16777215	 11628484
 16761087	 9786792
 16768255	 8010894
 16775679	 6300788
	 4654939
	 3014723
	 1572908
	 278
	 0

 13470176

 13470176

 13136864

 13803488

 12803296

 14137056

 12469984

 14470368

 12136416

 14803936

 11868640

 15071712

 11535328

 15400928

 11469024

 15728608

 16056288

 16383968

Harmonies

Analogous

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



9084156



13470176



15891380

Triad

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



13470176



13343297



47809

Complementary

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



13470176



10281097

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.



47504



13470176



10398020

Square

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



13470176



15501403



6730851



46826

Rectangle

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



13470176



16480660



6730851



47793

Sweetspot

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



13470176



16310527



9018848



8154752



0



8421504

Same Dimension

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



13470176



15042559



14715337



7234928



9044144



2490416

Inverse Universe

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



14715292



16746401



9035936



7365991



11534374



3145739

Previews

White Background



This preview shows how the Decimal color 13470176 looks on a white background.

Color Contrast Check

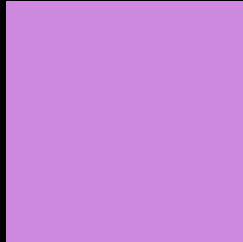
Large Text (above 18pt) WCAG AA × Fail

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 13470176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

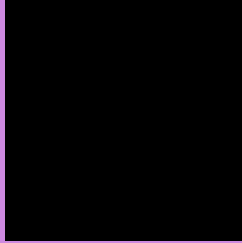
Any Text WCAG AA ✓ Pass

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 13470176 Background



This preview shows how black text looks on a background with the Decimal color 13470176.




This preview shows how white text looks on a background with the Decimal color 13470176.

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
12883618

Trichromacy



Original Color
13470176



Protanomaly
10524907



Deuteranomaly
10983645

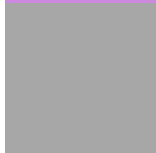


Tritanomaly
13078969

Monochromacy



Original Color
13470176



Achromatopsia
10987431



Achromatomaly
11902140

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13470176 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 #CD89E0 looks like.

```
.text, #text, p{  
    color:#CD89E0  
}
```

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 #CD89E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD89E0
}
```

Border

The CSS property to change the border of an element to Decimal 13470176 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
#CD89E0 }
```

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

```
.border{ border-color:#CD89E0 }
```

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

Here you see how a box with a 4 pixel #CD89E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD89E0; -webkit-box-shadow:4px 4px  
4px 4px #CD89E0; box-shadow:4px 4px 4px  
4px #CD89E0 }
```

Background

The CSS property to change the background color of an element to Decimal 13470176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD89E0 }
```

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

```
.background{ background-color:#CD89E0 }
```

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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