

Converting Colors

Decimal(13930960)

Have a look what the booklet for
Decimal(13930960) contains.

Decimal(13930960)	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(13930960)

Conversions

Conversions Part 1

Format	Color
Hex	D491D0
RGB	212, 145, 208
RGB Percent	83%, 57%, 82%
CMY	0.1686, 0.4314, 0.1843
CMYK	0.00, 0.32, 0.02, 0.17
HSL	304°, 44%, 70%
HSV	304°, 32%, 83%
XYZ	48.6619, 38.8019, 64.5993
YIQ	172.2150, 19.7090, 33.7970

Conversions

Conversions Part 2

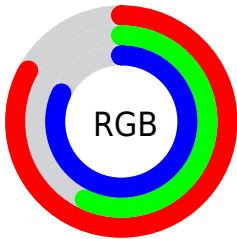
Format	Color
RYB	212, 145, 208
Decimal	13930960
CIELab	68.61, 35.31, -22.18
CIELCh	69, 41.696, 327.862
Yxy	38.8019, 0.3200, 0.2552
Android (android.graphics.Color)	4292121040 (0xFFD491D0)
YUV	172.2150, 17.6420, 34.8914
Hunter-Lab	62.2912, 30.4348, -17.8831

Details

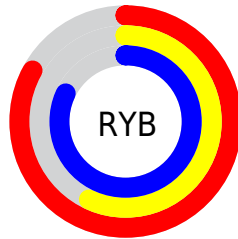
The Decimal color **13930960** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9557141**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **16763135**, and **10247577** is the 20% darker color. If you saturate the color by 10%, you get **13925583**, and if you desaturate by 10%, it is **13936337**.

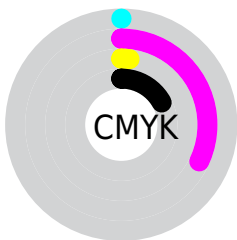
Distribution



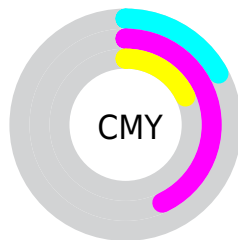
- Red (83%)
- Green (57%)
- Blue (82%)



- Red (83%)
- Yellow (57%)
- Blue (82%)



- Cyan (0%)
- Magenta (32%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13930960 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 13930960 by changing the saturation by 10% instead.

 13930960

 13930960

16777215

 12089268

 16763135

 10247577

 16770303

 8537215

 6761574

 5116750

 3538999

 2228258

 6

 0

 13930960

 13930960

 13925583

 13936337

 13920205

 13941715

 13914572

 13947348

 13909195

 13952725

 13903818

 13958102

 13898440

 13959128

 13893831

 13959129

 13959130

 13959131

Harmonies

Analogous

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



10985450



13930960



15501740

Triad

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



13930960



12756059



47817

Complementary

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



13930960



9557141

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.



3193763



13930960



10203235

Square

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



13930960



14653288



7255934



46822

Rectangle

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



13930960



15764114



7255934



48061

Sweetspot

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



13930960



16771326



9736660



8417663



0



8421504

Same Dimension

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



13930960



16752377



13930927



7037034



11206817



2818089

Inverse Universe

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



13930960



16752377



9557174



7037034



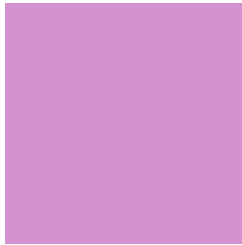
11206817



2818089

Previews

White Background



This preview shows how the Decimal color 13930960 looks on a white background.

Color Contrast Check

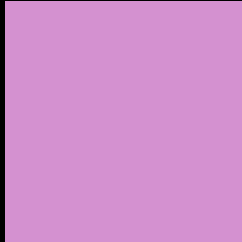
Large Text (above 18pt) WCAG AA × Fail

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 13930960 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 13930960 Background



This preview shows how black text looks on a background with the Decimal color 13930960.

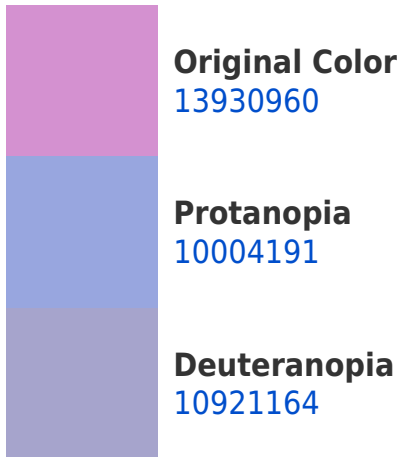



This preview shows how white text looks on a background with the Decimal color 13930960.

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
13539749

Trichromacy



Original Color
13930960



Protanomaly
11443930



Deuteranomaly
12033485

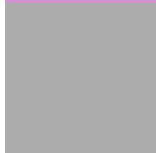


Tritanomaly
13670069

Monochromacy



Original Color
13930960



Achromatopsia
11316396



Achromatomaly
12296889

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13930960 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 #D491D0 looks like.

```
.text, #text, p{  
    color:#D491D0  
}
```

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 #D491D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D491D0
}
```

Border

The CSS property to change the border of an element to Decimal 13930960 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
#D491D0 }
```

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

```
.border{ border-color:#D491D0 }
```

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

Here you see how a box with a 4 pixel #D491D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D491D0; -webkit-box-shadow:4px 4px  
4px 4px #D491D0; box-shadow:4px 4px 4px  
4px #D491D0 }
```

Background

The CSS property to change the background color of an element to Decimal 13930960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D491D0 }
```

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

```
.background{ background-color:#D491D0 }
```

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