

Converting Colors

Decimal(13402596)

Have a look what the booklet for
Decimal(13402596) contains.

Decimal(13402596)	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(13402596)

Conversions

Conversions Part 1

Format	Color
Hex	CC81E4
RGB	204, 129, 228
RGB Percent	80%, 51%, 89%
CMY	0.2000, 0.4941, 0.1059
CMYK	0.11, 0.43, 0.00, 0.11
HSL	285°, 65%, 70%
HSV	285°, 43%, 89%
XYZ	46.7557, 34.1393, 77.5240
YIQ	162.7110, 12.9210, 46.6890

Conversions

Conversions Part 2

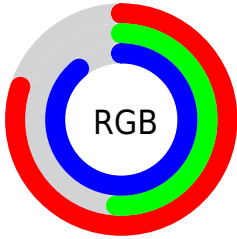
Format	Color
RYB	204, 129, 228
Decimal	13402596
CIELab	65.07, 45.25, -38.81
CIELCh	65, 59.612, 319.382
Yxy	34.1393, 0.2951, 0.2155
Android (android.graphics.Color)	4291592676 (0xFFCC81E4)
YUV	162.7110, 32.1875, 36.2105
Hunter-Lab	58.4289, 40.5880, -37.7664

Details

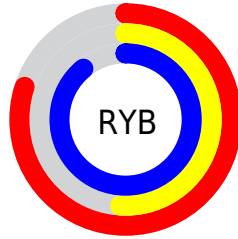
The Decimal color **13402596** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **10085505**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16758783**, and **9719212** is the 20% darker color. If you saturate the color by 10%, you get **13003492**, and if you desaturate by 10%, it is **13801700**.

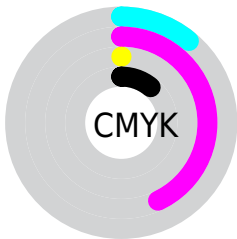
Distribution



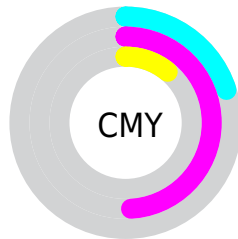
- Red (80%)
- Green (51%)
- Blue (89%)



- Red (80%)
- Yellow (51%)
- Blue (89%)



- Cyan (11%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13402596 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 13402596 by changing the saturation by 10% instead.

 13402596

 13402596

16777215

 11560904

 16758783

 9719212

 16766207


 7943313

 16773375

 6166903

 4522078

 2883654

 1114159

 281

 0

 13402596

 13402596

 13003492

 13801700

 12669924

 14135268

 12271076

 14534116

 11937508

 14867684

 11538404

 15266788

 11337956

 15597540

 15990756

 16318436

 16711652

Harmonies

Analogous

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



8231167



13402596



16084915

Triad

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



13402596



13276462



47296

Complementary

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



13402596



10085505

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.



46984



13402596



10069552

Square

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



13402596



15695694



5878101



46318

Rectangle

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



13402596



16739727



5878101



47278

Sweetspot

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



13402596



16244479



8493796



8088448



0



8421504

Same Dimension

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



13402596



14646015



14975435



7366515



8847539



2555955

Inverse Universe

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



14975385



16743067



8512666



7563114



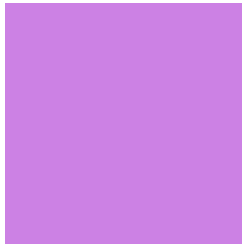
11730987



3342348

Previews

White Background



This preview shows how the Decimal color 13402596 looks on a white background.

Color Contrast Check

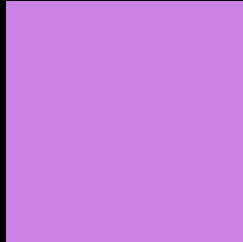
Large Text (above 18pt) WCAG AA × Fail

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 13402596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

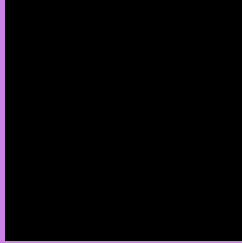
Any Text WCAG AA ✓ Pass

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 13402596 Background



This preview shows how black text looks on a background with the Decimal color 13402596.




This preview shows how white text looks on a background with the Decimal color 13402596.

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](#).

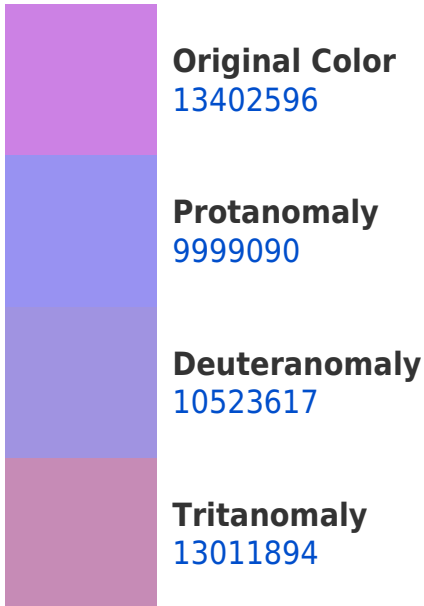
Dichromacy



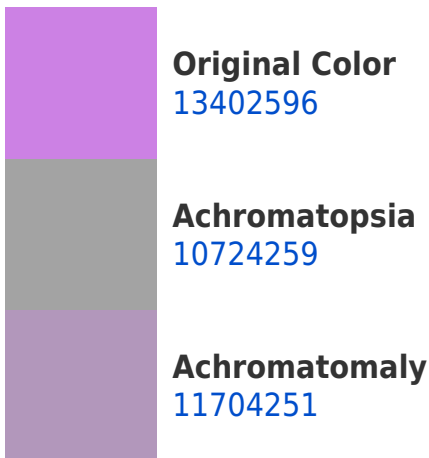


Tritanopia
12751260

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13402596 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 #CC81E4 looks like.

```
.text, #text, p{  
    color:#CC81E4  
}
```

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 #CC81E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC81E4
}
```

Border

The CSS property to change the border of an element to Decimal 13402596 is called "border". The border property can be set on classes, ids or directly on the HTML element.

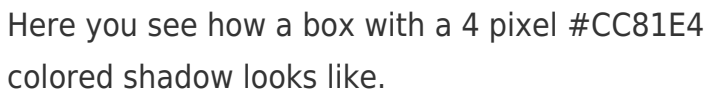
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC81E4 }
```

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

```
.border{ border-color:#CC81E4 }
```

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



Here you see how a box with a 4 pixel #CC81E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC81E4; -webkit-box-shadow:4px 4px  
4px 4px #CC81E4; box-shadow:4px 4px 4px  
4px #CC81E4 }
```

Background

The CSS property to change the background color of an element to Decimal 13402596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC81E4 }
```

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

```
.background{ background-color:#CC81E4 }
```

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