

Converting Colors

Decimal(12815601)

Have a look what the booklet for
Decimal(12815601) contains.

Decimal(12815601)	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(12815601)

Conversions

Conversions Part 1

Format	Color
Hex	C38CF1
RGB	195, 140, 241
RGB Percent	76%, 55%, 95%
CMY	0.2353, 0.4510, 0.0549
CMYK	0.19, 0.42, 0.00, 0.05
HSL	273°, 78%, 75%
HSV	273°, 42%, 95%
XYZ	47.7609, 36.7091, 87.7874
YIQ	167.9590, 0.3590, 43.0710

Conversions

Conversions Part 2

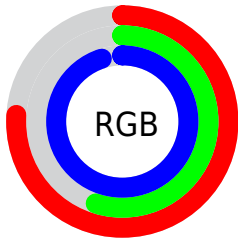
Format	Color
R _Y B	195, 140, 241
Decimal	12815601
CIE _{Lab}	67.06, 39.50, -42.94
CIE _{LCh}	67, 58.347, 312.609
Yxy	36.7091, 0.2773, 0.2131
Android (android.graphics.Color)	4291005681 (0xFFC38CF1)
YUV	167.9590, 36.0092, 23.7150
Hunter-Lab	60.5881, 34.6806, -43.4949

Details

The Decimal color **12815601** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12251532**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16630527**, and **9132472** is the 20% darker color. If you saturate the color by 10%, you get **12088561**, and if you desaturate by 10%, it is **13542641**.

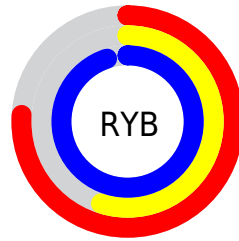
Distribution



Red (76%)

Green (55%)

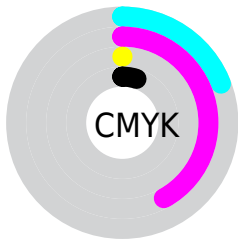
Blue (95%)



Red (76%)

Yellow (55%)

Blue (95%)

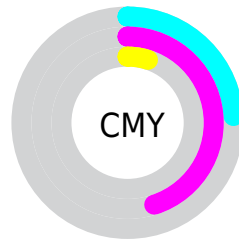


Cyan (19%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (45%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12815601 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 12815601 by changing the saturation by 10% instead.

 12815601

 12815601

16777215

 10973908

 16630527

 9132472

 16769023

 7356573

 16776447

 5646467

 3936105

 2228304

 458809

 546

 8

 12815601

 12815601

 12088561

 13542641

 11361521


 14269681

 10634481

 14996721

 9907441

 15723761

 9180401

 16449521

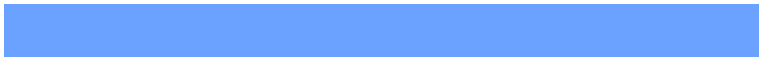
 8585457

 16777201

Harmonies

Analogous

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



7053823



12815601



15956420

Triad

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



12815601



14259515



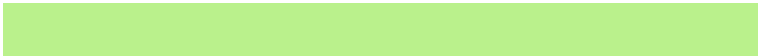
48568

Complementary

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



12815601



12251532

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.



48002



12815601



11249460

Square

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



12815601



16351582



7386194



47849

Rectangle

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



12815601



16741281



7386194



48550

Sweetspot

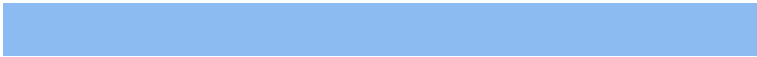
The Sweet Spot groups the original color and five complimentary colors.



12815601



15785727



9223153



7760768



0



8421504

Same Dimension

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



12815601



12943615



15830254



7498872



6553784



2031672

Inverse Universe

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



15830202



16744634



9236879



7892081



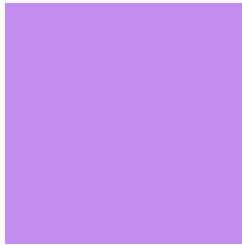
12058708



3670042

Previews

White Background



This preview shows how the Decimal color 12815601 looks on a white background.

Color Contrast Check

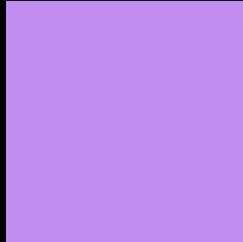
Large Text (above 18pt) WCAG AA × Fail

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 12815601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

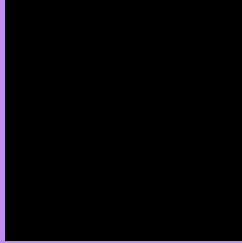
Any Text WCAG AA ✓ Pass

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 12815601 Background



This preview shows how black text looks on a background with the Decimal color 12815601.




This preview shows how white text looks on a background with the Decimal color 12815601.

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](#).

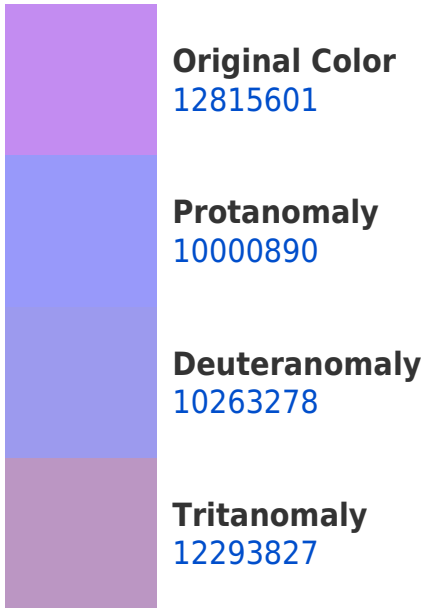
Dichromacy



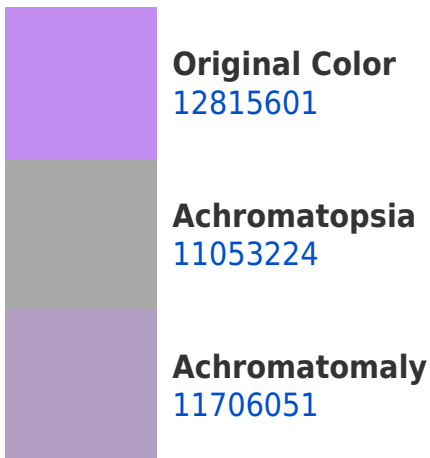


Tritanopia
12033192

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12815601 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 #C38CF1 looks like.

```
.text, #text, p{  
    color:#C38CF1  
}
```

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 #C38CF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38CF1
}
```

Border

The CSS property to change the border of an element to Decimal 12815601 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
#C38CF1 }
```

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

```
.border{ border-color:#C38CF1 }
```

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

Here you see how a box with a 4 pixel #C38CF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38CF1; -webkit-box-shadow:4px 4px  
4px 4px #C38CF1; box-shadow:4px 4px 4px  
4px #C38CF1 }
```

Background

The CSS property to change the background color of an element to Decimal 12815601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38CF1 }
```

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

```
.background{ background-color:#C38CF1 }
```

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