

Converting Colors

Decimal(12875490)

Have a look what the booklet for
Decimal(12875490) contains.

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Color

Decimal(12875490)

Conversions

Conversions Part 1

Format	Color
Hex	C476E2
RGB	196, 118, 226
RGB Percent	77%, 46%, 89%
CMY	0.2314, 0.5373, 0.1137
CMYK	0.13, 0.48, 0.00, 0.11
HSL	283°, 65%, 67%
HSV	283°, 48%, 89%
XYZ	42.9709, 30.1836, 75.5127
YIQ	153.6340, 11.8200, 50.1240

Conversions

Conversions Part 2

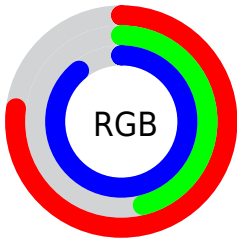
Format	Color
R _Y B	196, 118, 226
Decimal	12875490
CIE Lab	61.81, 48.35, -42.87
CIE LCh	62, 64.622, 318.438
Yxy	30.1836, 0.2890, 0.2030
Android (android.graphics.Color)	4291065570 (0xFFC476E2)
YUV	153.6340, 35.6764, 37.1550
Hunter-Lab	54.9396, 43.4689, -43.0344

Details

The Decimal color **12875490** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **9757302**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16690431**, and **9192106** is the 20% darker color. If you saturate the color by 10%, you get **12476386**, and if you desaturate by 10%, it is **13274594**.

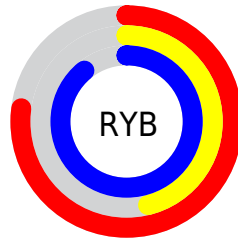
Distribution



Red (77%)

Green (46%)

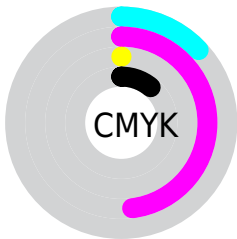
Blue (89%)



Red (77%)

Yellow (46%)

Blue (89%)

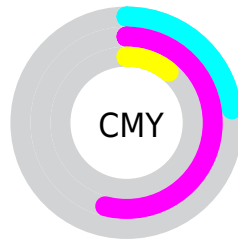


Cyan (13%)

Magenta (48%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (54%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12875490 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 12875490 by changing the saturation by 10% instead.

 12875490

 12875490

16777215

 11033798

 16690431

 9192106

 16763135

 7415951

 16770559

 5638261

 3932252

 2424900

 45

 279

 0

 12875490

 12875490

 12476386

 13274594

 12012002

 13738978

 11612898

 14138082

 11214050

 14536930


 10814946

 14936034

 10682594

 15400674

 15794146

 16187362

 16646114

Harmonies

Analogous

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



6852607



12875490



15818926

Triad

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



12875490



12880661



45240

Complementary

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



12875490



9757302

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.



44924



12875490



9477397

Square

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



12875490



15430465



4827460



44522

Rectangle

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



12875490



16538759



4827460



45220

Sweetspot

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



12875490



16112639



7771618



7957120



0



8421504

Same Dimension

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



12875490



14118655



14841547



7169392



8323248



2293808

Inverse Universe

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



14841492



16739990



7791245



7365992



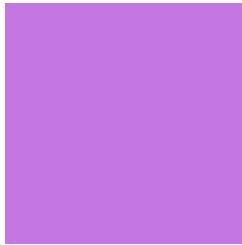
11534385



3145741

Previews

White Background



This preview shows how the Decimal color 12875490 looks on a white background.

Color Contrast Check

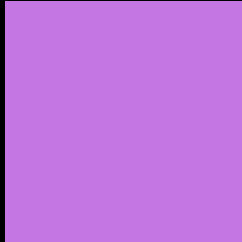
Large Text (above 18pt) WCAG AA × Fail

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 12875490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

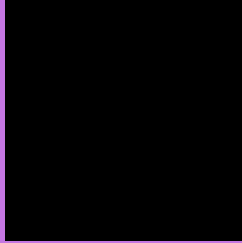
Any Text WCAG AA ✓ Pass

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 12875490 Background



This preview shows how black text looks on a background with the Decimal color 12875490.

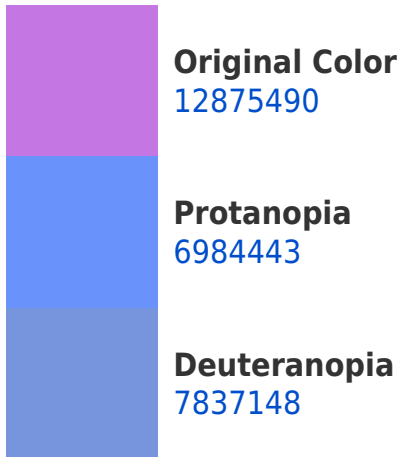



This preview shows how white text looks on a background with the Decimal color 12875490.

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
12093843

Trichromacy



Original Color
12875490



Protanomaly
9144562



Deuteranomaly
9669342



Tritanomaly
12354224

Monochromacy



Original Color
12875490



Achromatopsia
10132122



Achromatomaly
11111860

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12875490 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 #C476E2 looks like.

```
.text, #text, p{  
  color:#C476E2  
}
```

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 #C476E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C476E2
}
```

Border

The CSS property to change the border of an element to Decimal 12875490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

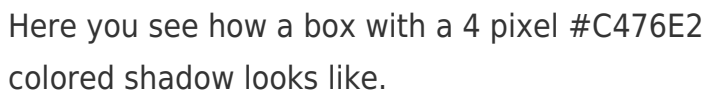
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C476E2 }
```

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

```
.border{ border-color:#C476E2 }
```

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



Here you see how a box with a 4 pixel `#C476E2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C476E2; -webkit-box-shadow:4px 4px  
4px 4px #C476E2; box-shadow:4px 4px 4px  
4px #C476E2 }
```

Background

The CSS property to change the background color of an element to Decimal 12875490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C476E2 }
```

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

```
.background{ background-color:#C476E2 }
```

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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