

Converting Colors

Decimal(12875215)

Have a look what the booklet for
Decimal(12875215) contains.

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Color

Decimal(12875215)

Conversions

Conversions Part 1

Format	Color
Hex	C475CF
RGB	196, 117, 207
RGB Percent	77%, 46%, 81%
CMY	0.2314, 0.5412, 0.1882
CMYK	0.05, 0.43, 0.00, 0.19
HSL	293°, 48%, 64%
HSV	293°, 43%, 81%
XYZ	40.3887, 28.9633, 62.4932
YIQ	150.8810, 18.1940, 44.7380

Conversions

Conversions Part 2

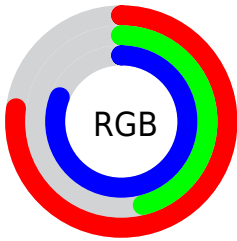
Format	Color
R_{YB}	196, 117, 207
Decimal	12875215
CIE _{Lab}	60.75, 45.09, -33.88
CIE _{LCh}	61, 56.400, 323.076
Yxy	28.9633, 0.3063, 0.2197
Android (android.graphics.Color)	4291065295 (0xFFC475CF)
YUV	150.8810, 27.6667, 39.5694
Hunter-Lab	53.8176, 39.7789, -31.1755

Details

The Decimal color **12875215** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8441717**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16690175**, and **9191832** is the 20% darker color. If you saturate the color by 10%, you get **12673231**, and if you desaturate by 10%, it is **13077199**.

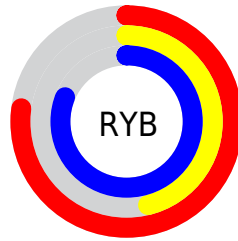
Distribution



Red (77%)

Green (46%)

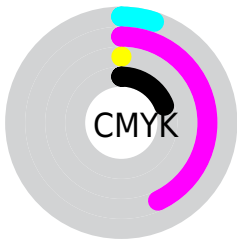
Blue (81%)



Red (77%)

Yellow (46%)

Blue (81%)

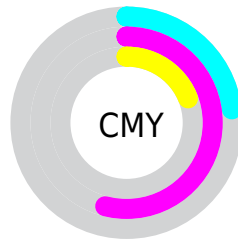


Cyan (5%)

Magenta (43%)

Yellow (0%)

Black (19%)



Cyan (23%)















Magenta (54%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12875215 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 12875215 by changing the saturation by 10% instead.

 12875215	 12875215
16777215	 11033523
 16690175	 9191832
 16762879	 7481470
 16770047	 5704037
	 4063308
	 2687029
	 31
	 2
	 0

 12875215

 12875215

 12673231


 13077199

 12537039

 13213391

 12335055

 13415375

 12198607

 13551823

 11996623

 13753807

 11927759

 13889999

 14090191

 14221263

 14417871

Harmonies

Analogous

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



8358638



12875215



15165088

Triad

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



12875215



12028968



43704

Complementary

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



12875215



8441717

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.



43653



12875215



8952623

Square

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



12875215



14383428



4760916



42721

Rectangle

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



12875215



15623551



4760916



43944

Sweetspot

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



12875215



16506623



7700943



8219520



0



8421504

Same Dimension

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



12875215



15694591



13596078



6774377



9699496



2359337

Inverse Universe

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



13596032



16743051



7720854



6905439



11010069



2686981

Previews

White Background



This preview shows how the Decimal color 12875215 looks on a white background.

Color Contrast Check

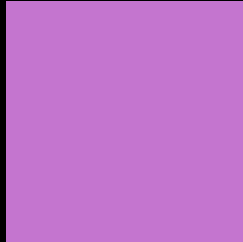
Large Text (above 18pt) WCAG AA ✓ Pass

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 12875215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

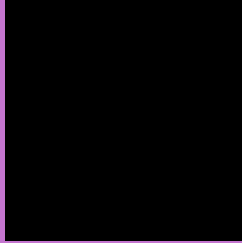
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12875215 Background



This preview shows how black text looks on a background with the Decimal color 12875215.



This preview shows how white text looks on a background with the Decimal color 12875215.

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
12289166

Trichromacy



Original Color
12875215



Protanomaly
9537245



Deuteranomaly
10127308



Tritanomaly
12484518

Monochromacy



Original Color
12875215



Achromatopsia
9934743



Achromatomaly
10980267

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12875215 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 #C475CF looks like.

```
.text, #text, p{  
  color:#C475CF  
}
```

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 #C475CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C475CF
}
```

Border

The CSS property to change the border of an element to Decimal 12875215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

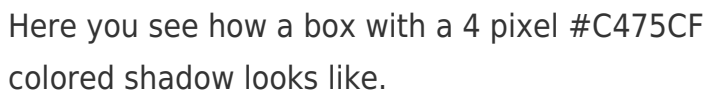
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C475CF }
```

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

```
.border{ border-color:#C475CF }
```

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



Here you see how a box with a 4 pixel `#C475CF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C475CF; -webkit-box-shadow:4px 4px  
4px 4px #C475CF; box-shadow:4px 4px 4px  
4px #C475CF }
```

Background

The CSS property to change the background color of an element to Decimal 12875215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C475CF }
```

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

```
.background{ background-color:#C475CF }
```

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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