

Converting Colors

Decimal(12677300)

Have a look what the booklet for
Decimal(12677300) contains.

Decimal(12677300)	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(12677300)

Conversions

Conversions Part 1

Format	Color
Hex	C170B4
RGB	193, 112, 180
RGB Percent	76%, 44%, 71%
CMY	0.2431, 0.5608, 0.2941
CMYK	0.00, 0.42, 0.07, 0.24
HSL	310°, 40%, 60%
HSV	310°, 42%, 76%
XYZ	36.0247, 26.2211, 46.3425
YIQ	143.9710, 26.4480, 38.3200

Conversions

Conversions Part 2

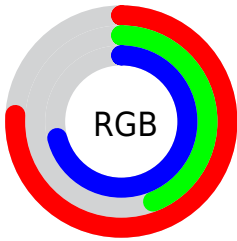
Format	Color
RYB	193, 112, 180
Decimal	12677300
CIELab	58.25, 41.82, -22.43
CIElCh	58, 47.455, 331.791
Yxy	26.2211, 0.3318, 0.2415
Android (android.graphics.Color)	4290867380 (0xFFC170B4)
YUV	143.9710, 17.7623, 42.9984
Hunter-Lab	51.2065, 35.9665, -17.8135

Details

The Decimal color **12677300** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7389565**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16492268**, and **9059711** is the 20% darker color. If you saturate the color by 10%, you get **12672433**, and if you desaturate by 10%, it is **12682167**.

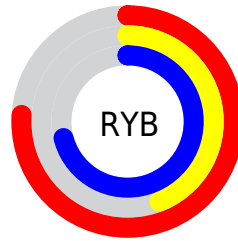
Distribution



Red (76%)

Green (44%)

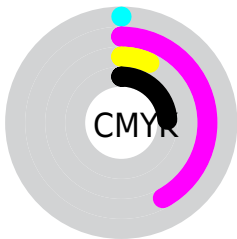
Blue (71%)



Red (76%)

Yellow (44%)

Blue (71%)

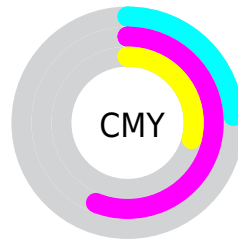


Cyan (0%)

Magenta (42%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12677300 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 12677300 by changing the saturation by 10% instead.

 12677300

 12677300

16777215

 10835609

 16492268

 9059711

 16761343

 7283558

 16768767

 5571662

 16776191

 3932215

 2555937

 5

 0

 12677300

 12677300

12672433

12682167

12667310

12687290

12662443

12692157

12657576

12697024

12652709

12702147

12648610

12707015

12711882

12713933

12713936

Harmonies

Analogous

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



9535699



12677300



14117003

Triad

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



12677300



10586933



41143

Complementary

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



12677300



7389565

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.



41357



12677300



7837250

Square

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



12677300



12811075



4103779



39637

Rectangle

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



12677300



14248560



4103779



41386

Sweetspot

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



12677300



16439797



8155329



8219002



16579836



8224125

Same Dimension

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



12677300



16416230



12677260



6379359



10551431



2162716

Inverse Universe

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



12677300



16416230



7389605



6379359



10551431



2162716

Previews

White Background



This preview shows how the Decimal color 12677300 looks on a white background.

Color Contrast Check

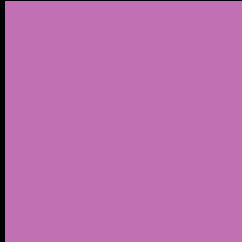
Large Text (above 18pt) WCAG AA ✓ Pass

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 12677300 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 12677300 Background



This preview shows how black text looks on a background with the Decimal color 12677300.




This preview shows how white text looks on a background with the Decimal color 12677300.

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
12286595

Trichromacy



Original Color
12677300



Protanomaly
9667009



Deuteranomaly
10322353

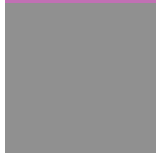


Tritanomaly
12416661

Monochromacy



Original Color
12677300



Achromatopsia
9474192



Achromatomaly
10650781

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12677300 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 #C170B4 looks like.

```
.text, #text, p{  
    color:#C170B4  
}
```

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 #C170B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C170B4
}
```

Border

The CSS property to change the border of an element to Decimal 12677300 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
#C170B4 }
```

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

```
.border{ border-color:#C170B4 }
```

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

Here you see how a box with a 4 pixel #C170B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C170B4; -webkit-box-shadow:4px 4px  
4px 4px #C170B4; box-shadow:4px 4px 4px  
4px #C170B4 }
```

Background

The CSS property to change the background color of an element to Decimal 12677300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C170B4 }
```

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

```
.background{ background-color:#C170B4 }
```

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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