

Converting Colors

Decimal(12761068)

Have a look what the booklet for
Decimal(12761068) contains.

Decimal(12761068)	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(12761068)

Conversions

Conversions Part 1

Format	Color
Hex	C2B7EC
RGB	194, 183, 236
RGB Percent	76%, 72%, 93%
CMY	0.2392, 0.2824, 0.0745
CMYK	0.18, 0.22, 0.00, 0.07
HSL	252°, 58%, 82%
HSV	252°, 22%, 93%
XYZ	54.3219, 51.3924, 86.4135
YIQ	192.3310, -10.4570, 18.8150

Conversions

Conversions Part 2

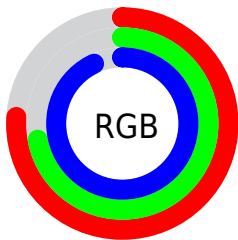
Format	Color
R_{YB}	194, 183, 236
Decimal	12761068
CIE _{Lab}	76.92, 14.44, -24.97
CIE _{LCh}	77, 28.843, 300.035
Yxy	51.3924, 0.2827, 0.2675
Android (android.graphics.Color)	4290951148 (0xFFC2B7EC)
YUV	192.3310, 21.5288, 1.4637
Hunter-Lab	71.6885, 9.8034, -21.2864

Details

The Decimal color **12761068** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14806199**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16510975**, and **9208500** is the 20% darker color. If you saturate the color by 10%, you get **11509740**, and if you desaturate by 10%, it is **14012396**.

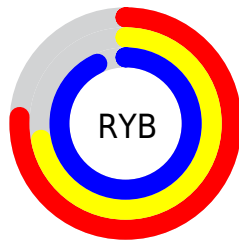
Distribution



Red (76%)

Green (72%)

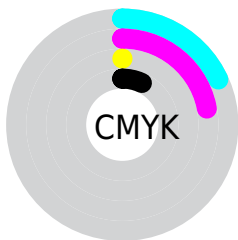
Blue (93%)



Red (76%)

Yellow (72%)

Blue (93%)

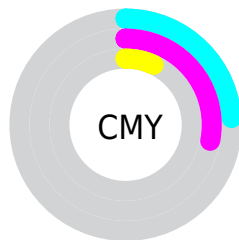


Cyan (18%)

Magenta (22%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (28%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12761068 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 12761068 by changing the saturation by 10% instead.

■ 12761068

■ 12761068

16777215

■ 10984656

■ 16510975

■ 9208500

■ 7498137

■ 5853567

■ 4209254

■ 2696270

■ 1118263

■ 289

■ 6


 12761068

 12761068

 11509740

 14012396

 10324204

 15197932

 9072876

 16449260

 7821804

 16777196

 6570476

 5384684

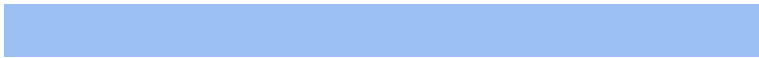
 4133612

 3211500

Harmonies

Analogous

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



10273011



12761068



14725081

Triad

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



12761068



15184785



8048061

Complementary

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



12761068



14806199

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.



9882274



12761068



13745289

Square

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



12761068



15969444



11912335



7195864

Rectangle

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



12761068



15576008



11912335



8637620

Sweetspot

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



12761068



15855103



12050924



7828864



0



8421504

Same Dimension

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



12761068



13155071



14465004



7105141



2490549



720950

Inverse Universe

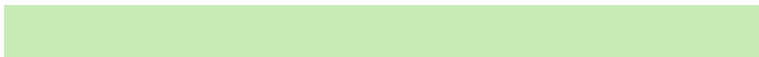
The Inverse Universe completely reimagines the original color for something new.



15513569



16759537



13102263



7694963



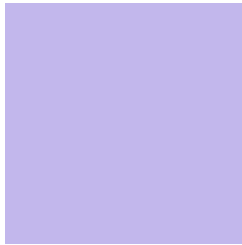
11862159



3538986

Previews

White Background



This preview shows how the Decimal color 12761068 looks on a white background.

Color Contrast Check

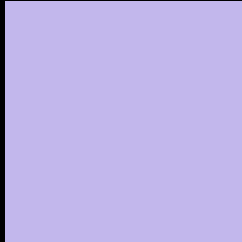
Large Text (above 18pt) WCAG AA × Fail

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 12761068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

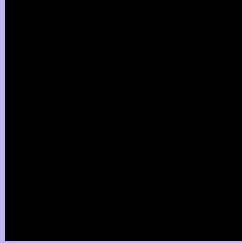
Any Text WCAG AA ✓ Pass

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 12761068 Background



This preview shows how black text looks on a background with the Decimal color 12761068.



This preview shows how white text looks on a background with the Decimal color 12761068.

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



Original Color
12761068

Protanopia
11648239

Deuteranopia
12172011



Tritanopia
12369356

Trichromacy



Original Color
12761068

Protanomaly
12040942

Deuteranomaly
12368363

Tritanomaly
12499928

Monochromacy



Original Color
12761068

Achromatopsia
12632256

Achromatomaly
12697040

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12761068 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 #C2B7EC looks like.

```
.text, #text, p{  
    color:#C2B7EC  
}
```

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 #C2B7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2B7EC
}
```

Border

The CSS property to change the border of an element to Decimal 12761068 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
#C2B7EC }
```

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

```
.border{ border-color:#C2B7EC }
```

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

Here you see how a box with a 4 pixel #C2B7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2B7EC; -webkit-box-shadow:4px 4px  
4px 4px #C2B7EC; box-shadow:4px 4px 4px  
4px #C2B7EC }
```

Background

The CSS property to change the background color of an element to Decimal 12761068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2B7EC }
```

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

```
.background{ background-color:#C2B7EC }
```

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