

Converting Colors

Decimal(12960760)

Have a look what the booklet for
Decimal(12960760) contains.

Decimal(12960760)	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(12960760)

Conversions

Conversions Part 1

Format	Color
Hex	C5C3F8
RGB	197, 195, 248
RGB Percent	77%, 76%, 97%
CMY	0.2275, 0.2353, 0.0275
CMYK	0.21, 0.21, 0.00, 0.03
HSL	242°, 79%, 87%
HSV	242°, 21%, 97%
XYZ	59.4843, 57.6778, 96.8047
YIQ	201.6400, -15.8210, 16.9070

Conversions

Conversions Part 2

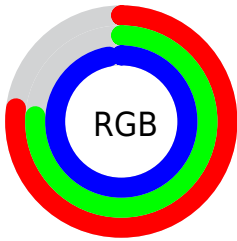
Format	Color
RYB	197, 195, 248
Decimal	12960760
CIELab	80.56, 11.48, -25.83
CIElCh	81, 28.268, 293.964
Yxy	57.6778, 0.2780, 0.2696
Android (android.graphics.Color)	4291150840 (0xFFC5C3F8)
YUV	201.6400, 22.8555, -4.0693
Hunter-Lab	75.9459, 6.9040, -22.4120

Details

The Decimal color **12960760** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16185539**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16710911**, and **9342399** is the 20% darker color. If you saturate the color by 10%, you get **11381496**, and if you desaturate by 10%, it is **14540024**.

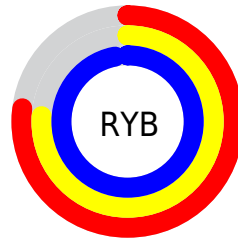
Distribution



Red (77%)

Green (76%)

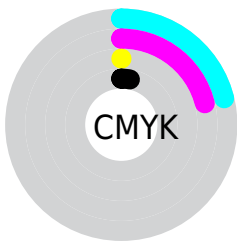
Blue (97%)



Red (77%)

Yellow (76%)

Blue (97%)

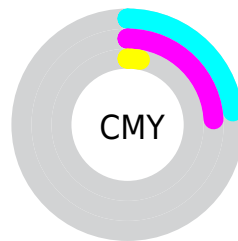


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12960760 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 12960760 by changing the saturation by 10% instead.

■ 12960760

■ 12960760

16777215

■ 11118811

■ 16710911

■ 9342399

■ 7632036

■ 5987210

■ 4342896

■ 2764376

■ 1186112

■ 42

■ 276

 12960760

 12960760

 11381496

 14540024

 9802232

 16119288

 8223224

 16777208

 6709496

 5130232

 3550968

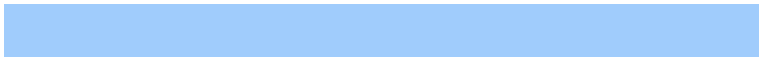
 1971704

 590072

Harmonies

Analogous

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



10538236



12960760



15055591

Triad

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



12960760



16104606



9164481

Complementary

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



12960760



16185539

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.



10998696



12960760



14730388

Square

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



12960760



16692916



12963223



8115932

Rectangle

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



12960760



16037591



12963223



9688760

Sweetspot

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



12960760



15790335



12842744



7829376



0



8421504

Same Dimension

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



12960760



12566015



14664696



7434365



458941



131133

Inverse Universe

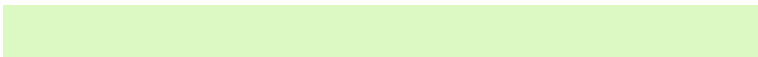
The Inverse Universe completely reimagines the original color for something new.



16303094



16760316



14481603



8220796



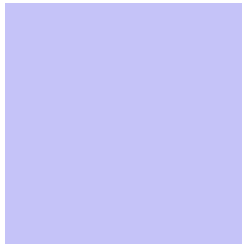
12386486



3997755

Previews

White Background



This preview shows how the Decimal color 12960760 looks on a white background.

Color Contrast Check

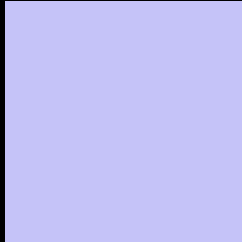
Large Text (above 18pt) WCAG AA × Fail

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 12960760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

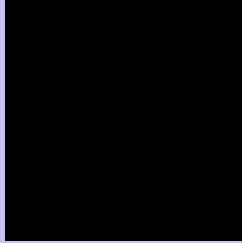
Any Text WCAG AA ✓ Pass

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 12960760 Background



This preview shows how black text looks on a background with the Decimal color 12960760.

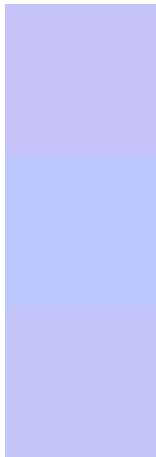


This preview shows how white text looks on a background with the Decimal color 12960760.

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](#).

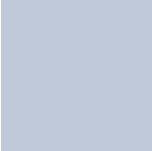
Dichromacy



Original Color
12960760

Protanopia
12306170

Deuteranopia
12829944



Tritanopia
12569049

Trichromacy



Original Color
12960760

Protanomaly
12568057

Deuteranomaly
12895480

Tritanomaly
12699620

Monochromacy



Original Color
12960760

Achromatopsia
13290186

Achromatomaly
13158363

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12960760 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 #C5C3F8 looks like.

```
.text, #text, p{  
    color:#C5C3F8  
}
```

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 #C5C3F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5C3F8
}
```

Border

The CSS property to change the border of an element to Decimal 12960760 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
#C5C3F8 }
```

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

```
.border{ border-color:#C5C3F8 }
```

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

Here you see how a box with a 4 pixel #C5C3F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5C3F8; -webkit-box-shadow:4px 4px  
4px 4px #C5C3F8; box-shadow:4px 4px 4px  
4px #C5C3F8 }
```

Background

The CSS property to change the background color of an element to Decimal 12960760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5C3F8 }
```

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

```
.background{ background-color:#C5C3F8 }
```

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