

# Converting Colors

Decimal(12961272)

Have a look what the booklet for  
Decimal(12961272) contains.

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# **Color**

**Decimal(12961272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5C5F8
RGB	197, 197, 248
RGB Percent	77%, 77%, 97%
CMY	0.2275, 0.2275, 0.0275
CMYK	0.21, 0.21, 0.00, 0.03
HSL	240°, 78%, 87%
HSV	240°, 21%, 97%
XYZ	59.9355, 58.5801, 96.9551
YIQ	202.8140, -16.3710, 15.8610

# Conversions

## Conversions Part 2

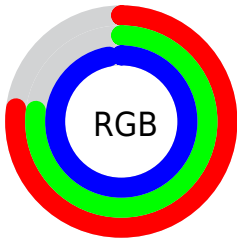
Format	Color
R <sub>YB</sub>	197, 197, 248
Decimal	12961272
CIE Lab	81.06, 10.40, -25.07
CIE LCh	81, 27.140, 292.535
Yxy	58.5801, 0.2782, 0.2719
Android (android.graphics.Color)	4291151352 (0xFFC5C5F8)
YUV	202.8140, 22.2767, -5.0989
Hunter-Lab	76.5377, 5.8398, -21.5300

# Details

The Decimal color **12961272** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16316613**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **16711423**, and **9342911** is the 20% darker color. If you saturate the color by 10%, you get **11316472**, and if you desaturate by 10%, it is **14606072**.

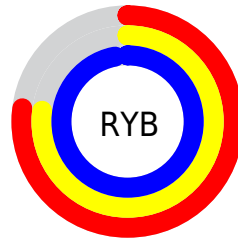
# Distribution



Red (77%)

Green (77%)

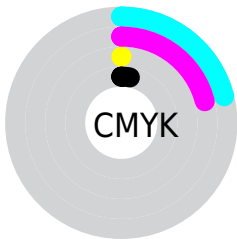
Blue (97%)



Red (77%)

Yellow (77%)

Blue (97%)

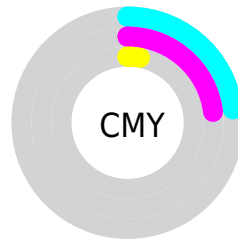


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (23%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12961272 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 12961272 by changing the saturation by 10% instead.



■ 12961272

■ 12961272

16777215

■ 11119323

16711423

■ 9342911

■ 7632548

■ 5987722

■ 4343408

■ 2764632

■ 1186624

■ 42

■ 276

12961272

12961272

11316472

14606072

9671672

16250872

8092664

16777208

6447864

4803064

3158264

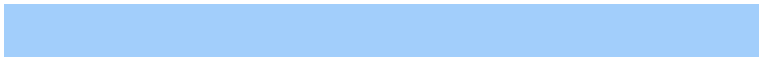
1513464

248

# Harmonies

## Analogous

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



10669819



12961272



14990824

# Triad

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



12961272



16104866



9492418

# Complementary

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



12961272



16316613

# 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.



11261098



12961272



14861719

# Square

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



12961272



16627895



13160090



8443868

# Rectangle

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



12961272



15972825



13160090



10016697



# Sweetspot

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



12961272



15790335



12974328



7829376



0



8421504



# Same Dimension

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



12961272



12566527



14665208



7368829



189



61



# Inverse Universe

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



16303608



16760831



14678213



8220797



12386493

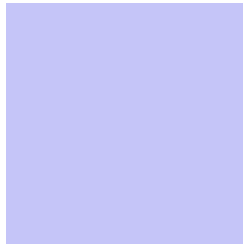


3997757



# Previews

## White Background



This preview shows how the Decimal color 12961272 looks on a white background.

## Color Contrast Check

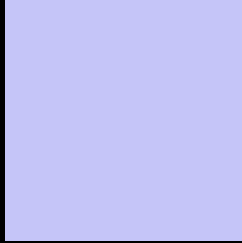
Large Text (above 18pt) WCAG AA × Fail

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 12961272 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

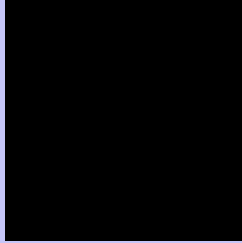
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12961272 Background



This preview shows how black text looks on a background with the Decimal color 12961272.



This preview shows how white text looks on a background with the Decimal color 12961272.

# 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](#).

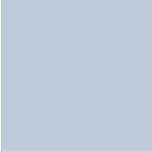
## Dichromacy



**Original Color**  
12961272

**Protanopia**  
12437498

**Deuteranopia**  
12961272



**Tritanopia**  
12569306

# Trichromacy



**Original Color**  
12961272

**Protanomaly**  
12633849

**Deuteranomaly**  
12961272

**Tritanomaly**  
12699877

# Monochromacy



**Original Color**  
12961272

**Achromatopsia**  
13355979

**Achromatomaly**  
13224411

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12961272 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 #C5C5F8 looks like.

```
.text, #text, p{  
    color:#C5C5F8  
}
```

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 #C5C5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5C5F8
}
```

## Border

The CSS property to change the border of an element to Decimal 12961272 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
#C5C5F8 }
```

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

```
.border{ border-color:#C5C5F8 }
```

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

Here you see how a box with a 4 pixel #C5C5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5C5F8; -webkit-box-shadow:4px 4px  
4px 4px #C5C5F8; box-shadow:4px 4px 4px  
4px #C5C5F8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12961272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5C5F8 }
```

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

```
.background{ background-color:#C5C5F8 }
```

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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