

# Converting Colors

Decimal(12766719)

Have a look what the booklet for  
Decimal(12766719) contains.

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# **Color**

**Decimal(12766719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2CDFF
RGB	194, 205, 255
RGB Percent	76%, 80%, 100%
CMY	0.2392, 0.1961, 0.0000
CMYK	0.24, 0.20, 0.00, 0.00
HSL	229°, 100%, 88%
HSV	229°, 24%, 100%
XYZ	62.1295, 62.3520, 103.3683
YIQ	207.4110, -22.6060, 13.2180

# Conversions

## Conversions Part 2

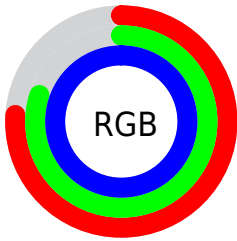
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 203, 255
Decimal	12766719
CIELab	83.10, 6.78, -25.70
CIELCh	83, 26.581, 284.771
Yxy	62.3520, 0.2727, 0.2737
Android (android.graphics.Color)	4290956799 (0xFFC2CDFF)
YUV	207.4110, 23.4614, -11.7614
Hunter-Lab	78.9633, 2.2607, -22.3404

# Details

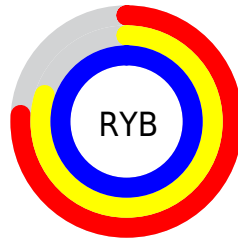
The Decimal color **12766719** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16774338**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **16515071**, and **9148358** is the 20% darker color. If you saturate the color by 10%, you get **11122943**, and if you desaturate by 10%, it is **14410495**.

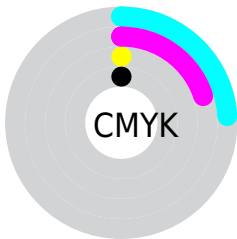
# Distribution



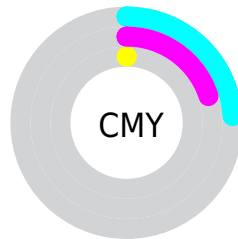
- Red (76%)
- Green (80%)
- Blue (100%)



- Red (76%)
- Yellow (80%)
- Blue (100%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12766719 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 12766719 by changing the saturation by 10% instead.



■ 12766719

■ 12766719

16777215

■ 10924770

■ 16515071

■ 9148358

■ 7437739

■ 5792912

■ 4148342

■ 2504285

■ 663878

■ 2351

■ 282

■ 12766719

■ 12766719

■ 11122943

■ 14410495

■ 9413631

■ 16119807

■ 7769855

16777215

■ 6060543

■ 4351231

■ 2707711

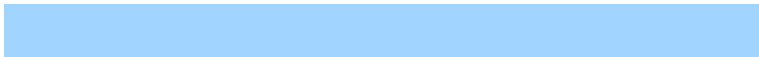
■ 1063935

■ 12031

# Harmonies

## Analogous

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



10606079



12766719



14861555

# Triad

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



12766719



16695725



10345665

# Complementary

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



12766719



16774338

# 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.



12114091



12766719



15583647

# Square

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



12766719



16760259



14012830



9100763

# Rectangle

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



12766719



15974629



14012830



10935225



# Sweetspot

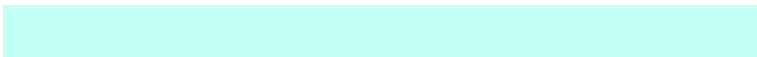
The Sweet Spot groups the original color and five complimentary colors.



12766719



15593727



12779508



7698304



0



8421504



# Same Dimension

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



12766719



11911935



14009087



7566720



8895



2880



# Inverse Universe

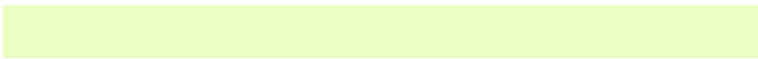
The Inverse Universe completely reimagines the original color for something new.



16761549



16758210



15531970



8418165



12517410

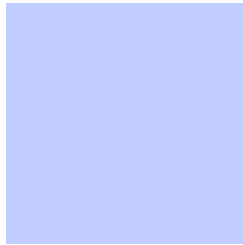


4194315



# Previews

## White Background



This preview shows how the Decimal color 12766719 looks on a white background.

## Color Contrast Check

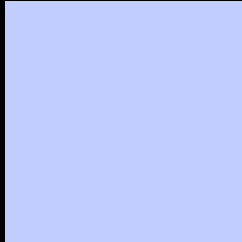
Large Text (above 18pt) WCAG AA × Fail

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 12766719 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

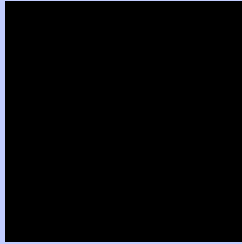
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12766719 Background



This preview shows how black text looks on a background with the Decimal color 12766719.



This preview shows how white text looks on a background with the Decimal color 12766719.

# 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**  
12766719

**Protanopia**  
12832255

**Deuteranopia**  
13290495



# Trichromacy



**Original Color**  
12766719

**Protanomaly**  
12832255

**Deuteranomaly**  
13094143

**Tritanomaly**  
12505325

# Monochromacy



**Original Color**  
12766719

**Achromatopsia**  
13619151

**Achromatomaly**  
13291232

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12766719 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 #C2CDFE looks like.

```
.text, #text, p{  
    color:#C2CDFE  
}
```

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 #C2CDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2CDFF
}
```

## Border

The CSS property to change the border of an element to Decimal 12766719 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
#C2CDFF }
```

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

```
.border{ border-color:#C2CDFF }
```

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

Here you see how a box with a 4 pixel #C2CDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2CDFF; -webkit-box-shadow:4px 4px  
4px 4px #C2CDFF; box-shadow:4px 4px 4px  
4px #C2CDFF }
```

# Background

The CSS property to change the background color of an element to Decimal 12766719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2CDFD }
```

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

```
.background{ background-color:#C2CDFD }
```

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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