

# Converting Colors

Decimal(12765668)

Have a look what the booklet for  
Decimal(12765668) contains.

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# **Color**

**Decimal(12765668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2C9E4
RGB	194, 201, 228
RGB Percent	76%, 79%, 89%
CMY	0.2392, 0.2118, 0.1059
CMYK	0.15, 0.12, 0.00, 0.11
HSL	228°, 39%, 83%
HSV	228°, 15%, 89%
XYZ	57.1384, 58.8441, 81.7453
YIQ	201.9850, -12.8390, 6.9130

# Conversions

## Conversions Part 2

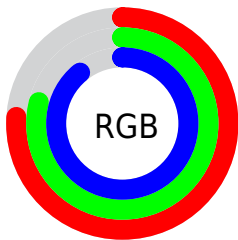
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 200, 228
Decimal	12765668
CIE <sub>Lab</sub>	81.21, 3.00, -14.18
CIE <sub>LCh</sub>	81, 14.491, 281.937
Yxy	58.8441, 0.2890, 0.2976
Android (android.graphics.Color)	4290955748 (0xFFC2C9E4)
YUV	201.9850, 12.8254, -7.0028
Hunter-Lab	76.7099, -1.2842, -9.4850

# Details

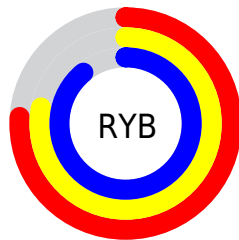
The Decimal color **12765668** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14998978**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16515071**, and **9212845** is the 20% darker color. If you saturate the color by 10%, you get **11253732**, and if you desaturate by 10%, it is **14277604**.

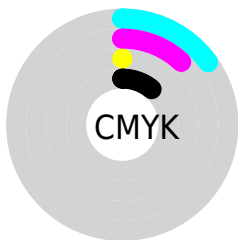
# Distribution



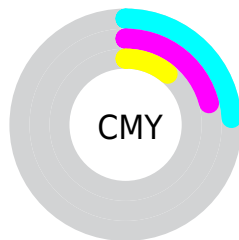
- Red (76%)
- Green (79%)
- Blue (89%)



- Red (76%)
- Yellow (78%)
- Blue (89%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (21%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12765668 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 12765668 by changing the saturation by 10% instead.



■ 12765668

16777215

■ 16515071

■ 12765668

■ 10989256

■ 9212845

■ 7502226

■ 5923192

■ 4344159

■ 2830920

■ 1383985

■ 797

■ 0

■ 12765668

■ 12765668

■ 11253732

■ 14277604

■ 9741796

■ 15789540

■ 8295396

■ 16777188

■ 6783460

■ 5271268

■ 3759332

■ 2247396

■ 800996

■ 12260

# Harmonies

## Analogous

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



11718115



12765668



13878750

# Triad

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



12765668



15057592



11653569

# Complementary

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



12765668



14998978

# 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.



12570293



12765668



14534320

# Square

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



12765668



15188421



13617839



11064015

# Rectangle

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



12765668



14467799



13617839



11980989



# Sweetspot

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



12765668



16119807



12772573



7961216



0



8421504



# Same Dimension

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



12765668



13753343



13419236



6777459



9651



2867



# Inverse Universe

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



14992073



16765403



14345410



7563114



11730981

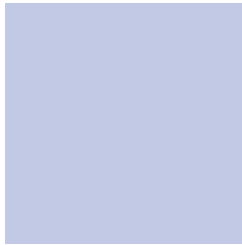


3342347



# Previews

## White Background



This preview shows how the Decimal color 12765668 looks on a white background.

## Color Contrast Check

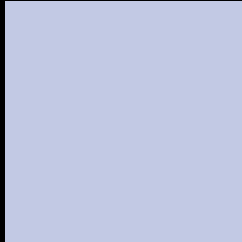
Large Text (above 18pt) WCAG AA × Fail

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 12765668 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

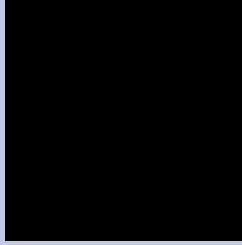
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12765668 Background



This preview shows how black text looks on a background with the Decimal color 12765668.

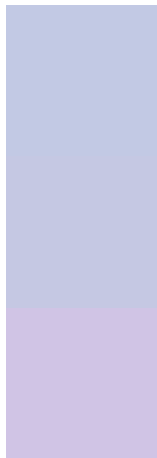


This preview shows how white text looks on a background with the Decimal color 12765668.

# 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**  
12765668

**Protanopia**  
12962019

**Deuteranopia**  
13681893



# Trichromacy



**Original Color**  
12765668

**Protanomaly**  
12896483

**Deuteranomaly**  
13354725

**Tritanomaly**  
12700382

# Monochromacy



**Original Color**  
12765668

**Achromatopsia**  
13290186

**Achromatomaly**  
13093587

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12765668 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 #C2C9E4 looks like.

```
.text, #text, p{  
    color:#C2C9E4  
}
```

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 #C2C9E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C9E4
}
```

## Border

The CSS property to change the border of an element to Decimal 12765668 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
#C2C9E4 }
```

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

```
.border{ border-color:#C2C9E4 }
```

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

Here you see how a box with a 4 pixel #C2C9E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C9E4; -webkit-box-shadow:4px 4px  
4px 4px #C2C9E4; box-shadow:4px 4px 4px  
4px #C2C9E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12765668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C9E4 }
```

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

```
.background{ background-color:#C2C9E4 }
```

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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