

# Converting Colors

Decimal(12966645)

Have a look what the booklet for  
Decimal(12966645) contains.

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# **Color**

**Decimal(12966645)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5DAF5
RGB	197, 218, 245
RGB Percent	77%, 85%, 96%
CMY	0.2275, 0.1451, 0.0392
CMYK	0.20, 0.11, 0.00, 0.04
HSL	214°, 71%, 87%
HSV	214°, 20%, 96%
XYZ	64.5788, 68.6057, 96.2248
YIQ	214.7990, -21.1830, 3.9450

# Conversions

## Conversions Part 2

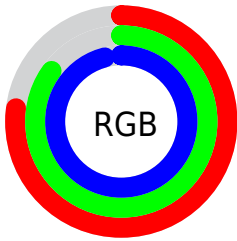
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 212, 245
Decimal	12966645
CIELab	86.31, -1.42, -15.53
CIELCh	86, 15.599, 264.769
Yxy	68.6057, 0.2815, 0.2991
Android (android.graphics.Color)	4291156725 (0xFFC5DAF5)
YUV	214.7990, 14.8891, -15.6097
Hunter-Lab	82.8286, -5.7792, -10.8992

# Details

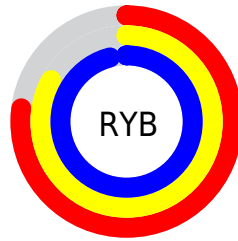
The Decimal color **12966645** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16113861**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16711679**, and **9413565** is the 20% darker color. If you saturate the color by 10%, you get **11390197**, and if you desaturate by 10%, it is **14608629**.

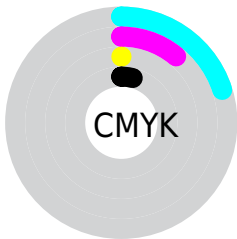
# Distribution



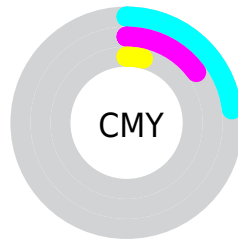
- Red (77%)
- Green (85%)
- Blue (96%)



- Red (77%)
- Yellow (83%)
- Blue (96%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (15%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12966645 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 12966645 by changing the saturation by 10% instead.



 12966645	 12966645
16777215	 11124441
16711679	 9413565
	 7702946
	 5992583
	 4413294
	 2834518
	 1321534
	 5672
	 276

■ 12966645

■ 12966645

■ 11390197

■ 14608629

■ 9748213

■ 16185077

■ 8172021

■ 16777205

■ 6530037

■ 4888053

■ 3311605

■ 1669877

■ 93429

■ 27637

# Harmonies

## Analogous

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



12050160



12966645



14210547

# Triad

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



12966645



16305868



13033415

# Complementary

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



12966645



16113861

# 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.



14146493



12966645



15978944

# Square

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



12966645



16043739



15193787



12116437

# Rectangle

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



12966645



14996205



15193787



13360579

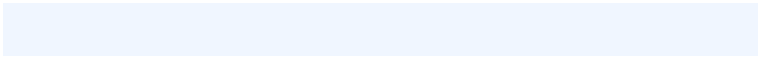


# Sweetspot

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



12966645



15791871



12973535



7830144



0



8421504

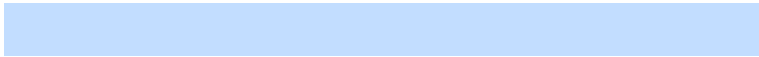


# Same Dimension

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



12966645



12770815



13092341



7238778



20922



6715



# Inverse Universe

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



16106970



16761565



15988165



8023668



12189777

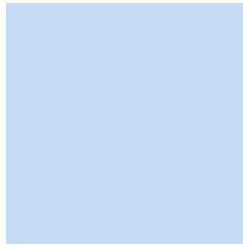


3866650



# Previews

## White Background



This preview shows how the Decimal color 12966645 looks on a white background.

## Color Contrast Check

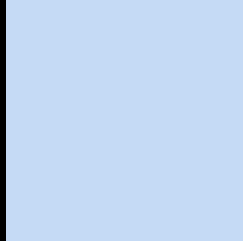
Large Text (above 18pt) WCAG AA × Fail

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 12966645 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

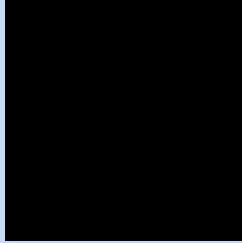
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

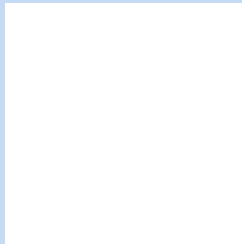
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12966645 Background



This preview shows how black text looks on a background with the Decimal color 12966645.



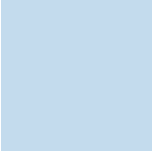
This preview shows how white text looks on a background with the Decimal color 12966645.

# 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



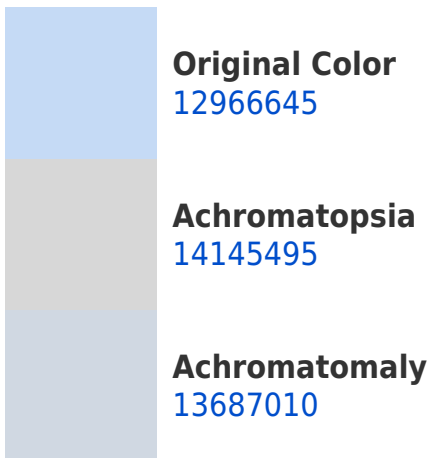


**Tritanopia**  
12835821

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12966645 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 #C5DAF5 looks like.

```
.text, #text, p{  
    color:#C5DAF5  
}
```

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 #C5DAF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DAF5
}
```

## Border

The CSS property to change the border of an element to Decimal 12966645 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
#C5DAF5 }
```

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

```
.border{ border-color:#C5DAF5 }
```

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

Here you see how a box with a 4 pixel #C5DAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DAF5; -webkit-box-shadow:4px 4px  
4px 4px #C5DAF5; box-shadow:4px 4px 4px  
4px #C5DAF5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12966645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DAF5 }
```

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

```
.background{ background-color:#C5DAF5 }
```

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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