

# Converting Colors

Decimal(13295612)

Have a look what the booklet for  
Decimal(13295612) contains.

<b>Decimal(13295612)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13295612)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CADFFC
RGB	202, 223, 252
RGB Percent	79%, 87%, 99%
CMY	0.2078, 0.1255, 0.0118
CMYK	0.20, 0.12, 0.00, 0.01
HSL	215°, 89%, 89%
HSV	215°, 20%, 99%
XYZ	68.3155, 72.3602, 102.4618
YIQ	220.0270, -21.8250, 4.5670

# Conversions

## Conversions Part 2

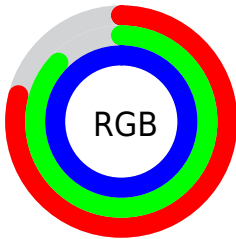
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 217, 252
Decimal	13295612
CIE Lab	88.14, -1.00, -16.43
CIE LCh	88, 16.465, 266.502
Yxy	72.3602, 0.2810, 0.2976
Android (android.graphics.Color)	4291485692 (0xFFCADFFC)
YUV	220.0270, 15.7627, -15.8097
Hunter-Lab	85.0648, -5.5101, -11.8703

# Details

The Decimal color **13295612** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16574410**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777215**, and **9676995** is the 20% darker color. If you saturate the color by 10%, you get **11653372**, and if you desaturate by 10%, it is **14937852**.

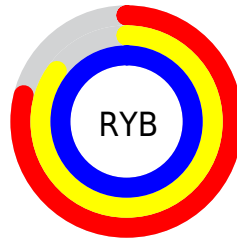
# Distribution



Red (79%)

Green (87%)

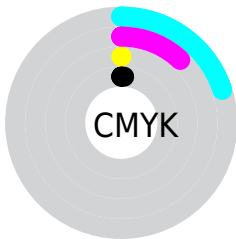
Blue (99%)



Red (79%)

Yellow (85%)

Blue (99%)

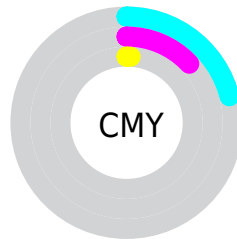


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (1%)



Cyan (21%)

Magenta (13%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13295612 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 13295612 by changing the saturation by 10% instead.



■ 13295612

■ 13295612

16777215

■ 11453407

■ 9676995

■ 7966376

■ 6321294

■ 4676468

■ 3097691

■ 1519172

■ 6445

■ 281

■ 13295612

■ 13295612

■ 11653372

■ 14937852

■ 10011388

■ 16579836

■ 8303612

16777212

■ 6661628

■ 5019388

■ 3377148

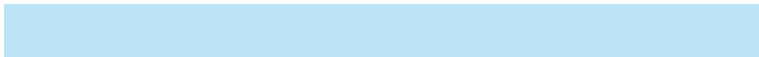
■ 1735164

■ 27388

# Harmonies

## Analogous

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



12248055



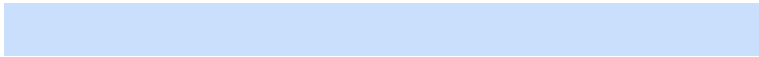
13295612



14605049

# Triad

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



13295612



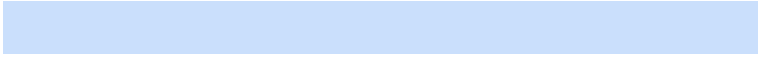
16765904



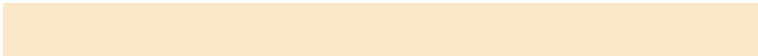
13231307

# Complementary

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



13295612



16574410

# 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.



14409921



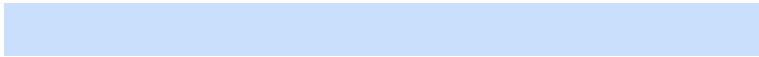
13295612



16373444

# Square

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



13295612



16569312



15522750



12314331

# Rectangle

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



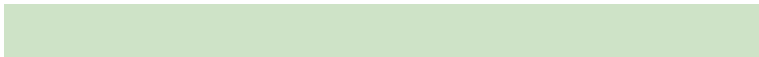
13295612



15455987



15522750

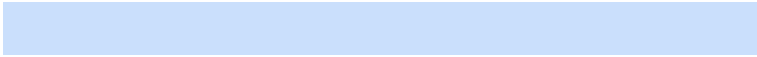


13558727

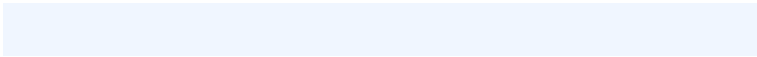


# Sweetspot

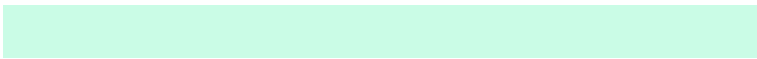
The Sweet Spot groups the original color and five complimentary colors.



13295612



15791871



13303014



7830144



0



8421504



# Same Dimension

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



13295612



12770559



13486844



7370365



20413



6717



# Inverse Universe

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



16567007



16761564



16383178



8220790



12386383

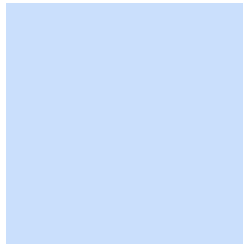


3997722



# Previews

## White Background



This preview shows how the Decimal color 13295612 looks on a white background.

## Color Contrast Check

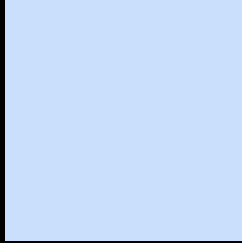
Large Text (above 18pt) WCAG AA × Fail

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 13295612 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

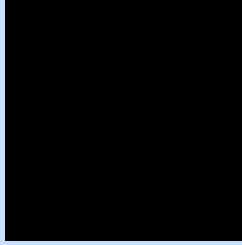
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

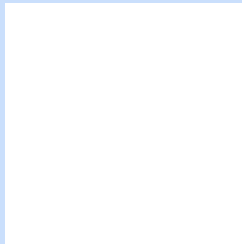
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13295612 Background



This preview shows how black text looks on a background with the Decimal color 13295612.



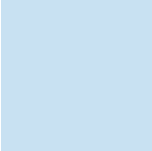
This preview shows how white text looks on a background with the Decimal color 13295612.

# 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



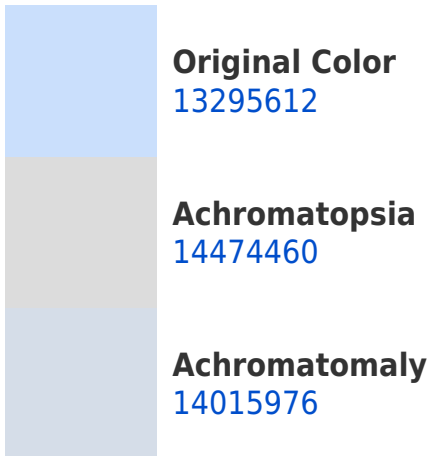


**Tritanopia**  
13165042

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13295612 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 #CADFFC looks like.

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

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 #CADFFC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 13295612 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
#CADFFC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 13295612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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