

# Converting Colors

Decimal(13225708)

Have a look what the booklet for  
Decimal(13225708) contains.

<b>Decimal(13225708)</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(13225708)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9CEEC
RGB	201, 206, 236
RGB Percent	79%, 81%, 93%
CMY	0.2118, 0.1922, 0.0745
CMYK	0.15, 0.13, 0.00, 0.07
HSL	231°, 48%, 86%
HSV	231°, 15%, 93%
XYZ	61.2990, 62.6162, 88.2122
YIQ	207.9250, -12.6100, 8.2700

# Conversions

## Conversions Part 2

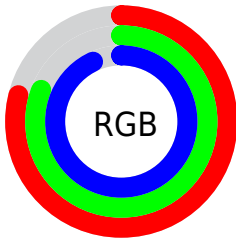
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 205, 236
Decimal	13225708
CIE Lab	83.24, 4.23, -15.34
CIE LCh	83, 15.915, 285.423
Yxy	62.6162, 0.2890, 0.2952
Android (android.graphics.Color)	4291415788 (0xFFC9CEEC)
YUV	207.9250, 13.8410, -6.0732
Hunter-Lab	79.1304, -0.2018, -10.7034

# Details

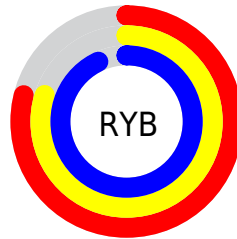
The Decimal color **13225708** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15525833**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16777215**, and **9672884** is the 20% darker color. If you saturate the color by 10%, you get **11647724**, and if you desaturate by 10%, it is **14803692**.

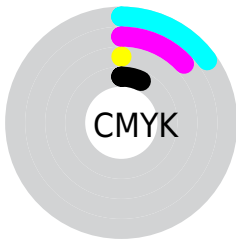
# Distribution



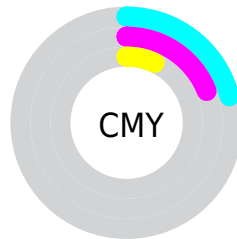
- Red (79%)
- Green (81%)
- Blue (93%)



- Red (79%)
- Yellow (80%)
- Blue (93%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (19%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13225708 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 13225708 by changing the saturation by 10% instead.



■ 13225708

16777215

■ 13225708

■ 11383760

■ 9672884

■ 7962265

■ 6317439

■ 4738406

■ 3159630

■ 1712439

■ 264738

■ 9

■ 13225708

■ 13225708

■ 11647724

■ 14803692

■ 10135276

■ 16316140

■ 8557036

■ 16777196

■ 7044588

■ 5466604

■ 3888620

■ 2375916

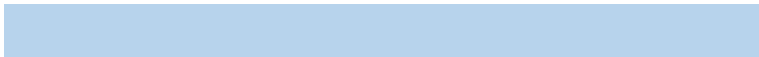
■ 797932

■ 8940

# Harmonies

## Analogous

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



12047340



13225708



14469604

# Triad

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



13225708



15583419



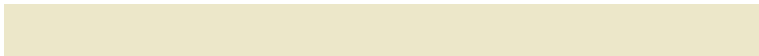
11786439

# Complementary

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



13225708



15525833

# 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.



12768698



13225708



14929075

# Square

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



13225708



15713736



13881779



11196631

# Rectangle

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



13225708



15124444



13881779



12048322



# Sweetspot

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



13225708



16119551



13233383



7961216



0



8421504



# Same Dimension

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



13225708



13752575



14010860



6974325



6837



2102



# Inverse Universe

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



15518158



16765400



14740681



7694955



11862042

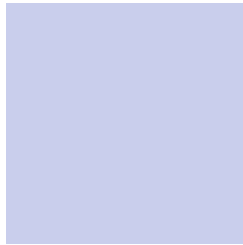


3538952



# Previews

## White Background



This preview shows how the Decimal color 13225708 looks on a white background.

## Color Contrast Check

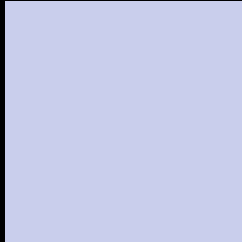
Large Text (above 18pt) WCAG AA × Fail

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 13225708 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

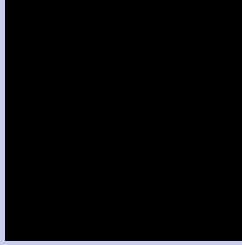
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13225708 Background



This preview shows how black text looks on a background with the Decimal color 13225708.

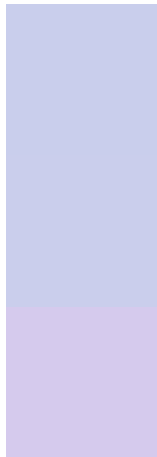


This preview shows how white text looks on a background with the Decimal color 13225708.

# 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](#).

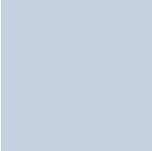
## Dichromacy



**Original Color**  
13225708

**Protanopia**  
13291244

**Deuteranopia**  
14011117



**Tritanopia**  
13095136

# Trichromacy



**Original Color**  
13225708

**Protanomaly**  
13291244

**Deuteranomaly**  
13749229

**Tritanomaly**  
13160420

# Monochromacy



**Original Color**  
13225708

**Achromatopsia**  
13684944

**Achromatomaly**  
13488090

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13225708 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 #C9CEEC looks like.

```
.text, #text, p{  
    color:#C9CEEC  
}
```

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 #C9CEEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9CEEC
}
```

## Border

The CSS property to change the border of an element to Decimal 13225708 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
#C9CEEC }
```

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

```
.border{ border-color:#C9CEEC }
```

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

Here you see how a box with a 4 pixel #C9CEEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9CEEC; -webkit-box-shadow:4px 4px  
4px 4px #C9CEEC; box-shadow:4px 4px 4px  
4px #C9CEEC }
```

# Background

The CSS property to change the background color of an element to Decimal 13225708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9CEEC }
```

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

```
.background{ background-color:#C9CEEC }
```

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