

# Converting Colors

Decimal(13098466)

Have a look what the booklet for  
Decimal(13098466) contains.

<b>Decimal(13098466)</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(13098466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7DDE2
RGB	199, 221, 226
RGB Percent	78%, 87%, 89%
CMY	0.2196, 0.1333, 0.1137
CMYK	0.12, 0.02, 0.00, 0.11
HSL	191°, 32%, 83%
HSV	191°, 12%, 89%
XYZ	63.1371, 69.3460, 82.0089
YIQ	214.9920, -14.7170, -3.1090

# Conversions

## Conversions Part 2

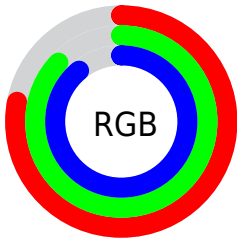
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 211, 226
Decimal	13098466
CIELab	86.68, -6.30, -4.94
CIELCh	87, 8.006, 218.124
Yxy	69.3460, 0.2944, 0.3233
Android (android.graphics.Color)	4291288546 (0xFFC7DDE2)
YUV	214.9920, 5.4269, -14.0250
Hunter-Lab	83.2742, -10.3943, -0.0971

# Details

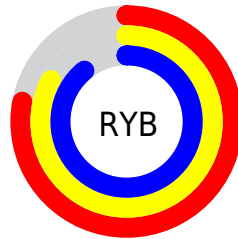
The Decimal color **13098466** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14863559**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777215**, and **9545387** is the 20% darker color. If you saturate the color by 10%, you get **11590114**, and if you desaturate by 10%, it is **14606818**.

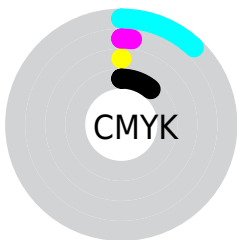
# Distribution



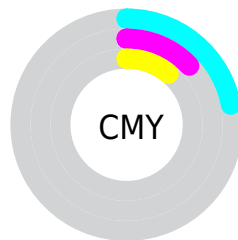
- Red (78%)
- Green (87%)
- Blue (89%)



- Red (78%)
- Yellow (83%)
- Blue (89%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13098466 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 13098466 by changing the saturation by 10% instead.



■ 13098466

16777215

■ 13098466

■ 11321798

■ 9545387

■ 7834768

■ 6189687





















■ 4610654

■ 3097158

■ 1715248

■ 137243

■ 0

 13098466	 13098466
 11590114	 14606818
 10147298	 16049634
 8638690	 16771810
 7195874	 16772834
 5687522	 16773858
 4179170	 16774882
 2736354	 16775906
 1228002	 16776930
 47330	 16777186

# Harmonies

## Analogous

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



13098715



13098466



13425639

# Triad

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



13098466



15062495



14539210

# Complementary

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



13098466



14863559

# 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.



15062987



13098466



15324375

# Square

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



13098466



14538469



15324624



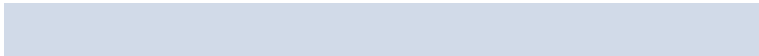
13949901

# Rectangle

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



13098466



13753064



15324624



14735562

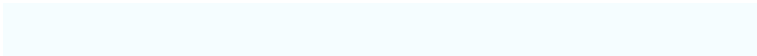


# Sweetspot

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



13098466



16121343



13099724



7962240



0



8421504

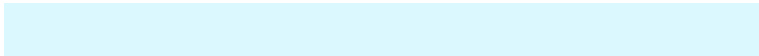


# Same Dimension

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



13098466



14416127



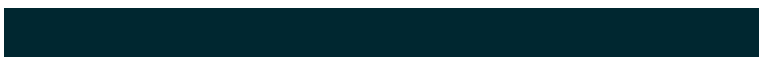
13095138



6647408



36784



10032



# Inverse Universe

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



14862301



16767992



14866887



7365998



11534479

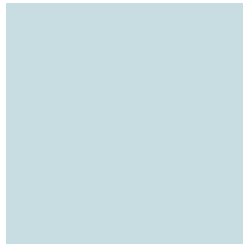


3145767



# Previews

## White Background



This preview shows how the Decimal color 13098466 looks on a white background.

## Color Contrast Check

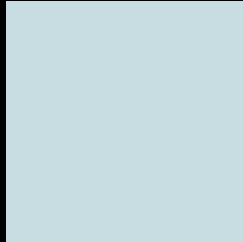
Large Text (above 18pt) WCAG AA × Fail

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 13098466 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

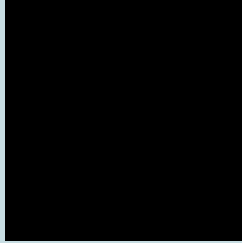
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

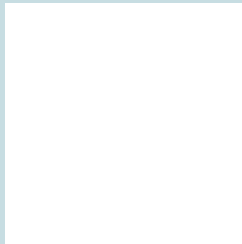
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13098466 Background



This preview shows how black text looks on a background with the Decimal color 13098466.



This preview shows how white text looks on a background with the Decimal color 13098466.

# 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**  
13229037

# Trichromacy



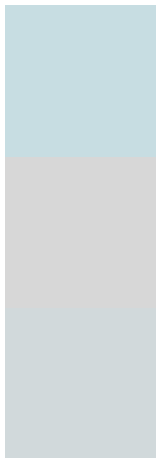
**Original Color**  
13098466

**Protanomaly**  
13949408

**Deuteranomaly**  
14472931

**Tritanomaly**  
13163753

# Monochromacy



**Original Color**  
13098466

**Achromatopsia**  
14145495

**Achromatomaly**  
13752795

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13098466 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 #C7DDE2 looks like.

```
.text, #text, p{  
    color:#C7DDE2  
}
```

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 #C7DDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7DDE2
}
```

## Border

The CSS property to change the border of an element to Decimal 13098466 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
#C7DDE2 }
```

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

```
.border{ border-color:#C7DDE2 }
```

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

Here you see how a box with a 4 pixel #C7DDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7DDE2; -webkit-box-shadow:4px 4px  
4px 4px #C7DDE2; box-shadow:4px 4px 4px  
4px #C7DDE2 }
```

# Background

The CSS property to change the background color of an element to Decimal 13098466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7DDE2 }
```

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

```
.background{ background-color:#C7DDE2 }
```

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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