

# Converting Colors

Decimal(12905970)

Have a look what the booklet for  
Decimal(12905970) contains.

<b>Decimal(12905970)</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(12905970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4EDF2
RGB	196, 237, 242
RGB Percent	77%, 93%, 95%
CMY	0.2314, 0.0706, 0.0510
CMYK	0.19, 0.02, 0.00, 0.05
HSL	187°, 64%, 86%
HSV	187°, 19%, 95%
XYZ	69.0761, 78.7149, 95.5572
YIQ	225.3110, -26.0410, -7.1370

# Conversions

## Conversions Part 2

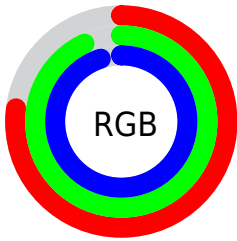
Format	Color
<a href="#">RYB</a>	<a href="#">196, 218, 242</a>
Decimal	<a href="#">12905970</a>
CIELab	<a href="#">91.11, -12.12, -6.82</a>
CIELCh	<a href="#">91, 13.908, 209.360</a>
Yxy	<a href="#">78.7149, 0.2839, 0.3235</a>
Android (android.graphics.Color)	<a href="#">4291096050 (0xFFC4EDF2)</a>
YUV	<a href="#">225.3110, 8.2277, -25.7057</a>
Hunter-Lab	<a href="#">88.7214, -16.2872, -1.7531</a>

# Details

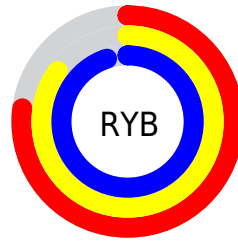
The Decimal color **12905970** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15911364**, and the grayscale version is **14803425**.

A 20% lighter version of the original color is **16646143**, and **9287098** is the 20% darker color. If you saturate the color by 10%, you get **11332338**, and if you desaturate by 10%, it is **14479602**.

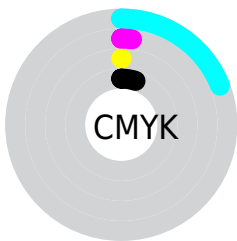
# Distribution



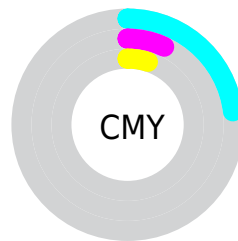
- Red (77%)
- Green (93%)
- Blue (95%)



- Red (77%)
- Yellow (85%)
- Blue (95%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (23%)
- Magenta (7%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12905970 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 12905970 by changing the saturation by 10% instead.



 12905970	 12905970
16777215	 11063766
16646143	 9287098
	 7576223
	 5931141
	 4286316
	 2707283
	 1062972
	 8743
	 2066

12905970

12905970

11332338

14479602

9758962

16052978

8119794

16774642

6546162

16775410

4972786

16775922

3399154

16776690

1825778

16777202

186610

55538

# Harmonies

## Analogous

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



13168101



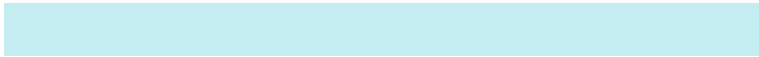
12905970



13298684

# Triad

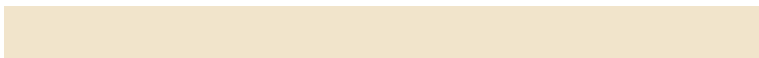
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12905970



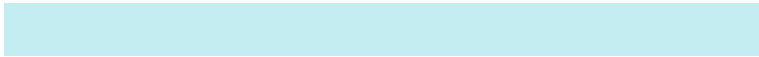
16244467



15852747

# Complementary

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



12905970



15911364

# 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.



16638159



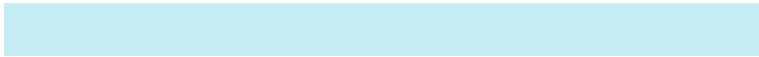
12905970



16768486

# Square

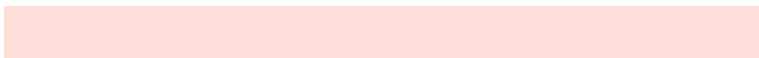
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12905970



15262461



16768473



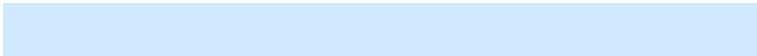
14870990

# Rectangle

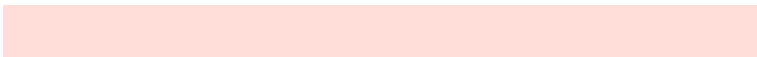
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



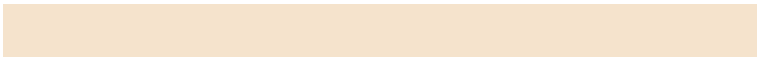
12905970



13822207



16768473



16114636

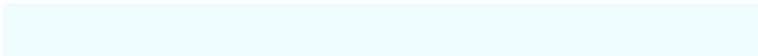


# Sweetspot

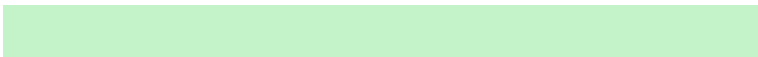
The Sweet Spot groups the original color and five complimentary colors.



12905970



15793663



12907209



7831424



0



8421504



# Same Dimension

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



12905970



12909055



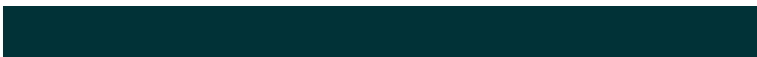
12900082



7108472



42168



12856



# Inverse Universe

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



15910125



16762105



15917252



7892087



12058788

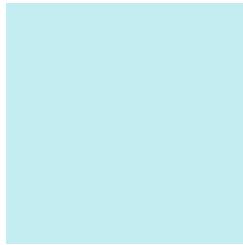


3670066



# Previews

## White Background



This preview shows how the Decimal color 12905970 looks on a white background.

## Color Contrast Check

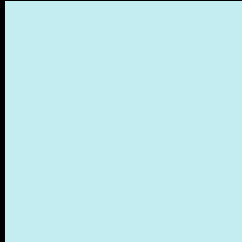
Large Text (above 18pt) WCAG AA × Fail

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 12905970 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

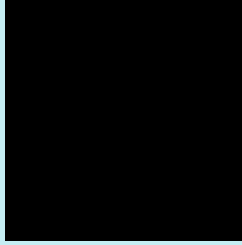
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12905970 Background



This preview shows how black text looks on a background with the Decimal color 12905970.

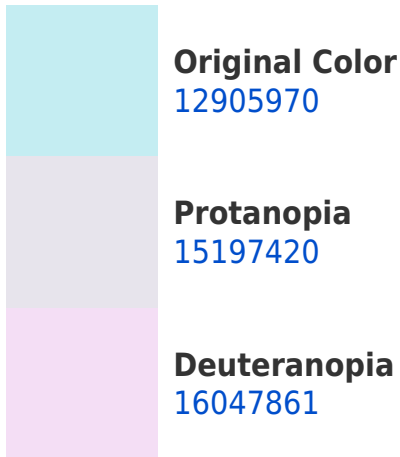


This preview shows how white text looks on a background with the Decimal color 12905970.

# 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](#).

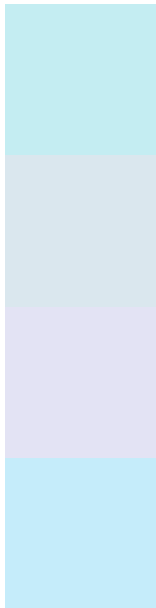
## Dichromacy





**Tritanopia**  
13036542

# Trichromacy



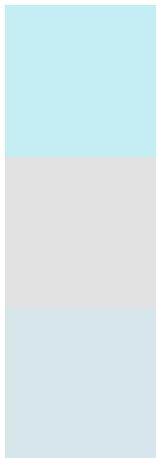
**Original Color**  
12905970

**Protanomaly**  
14346222

**Deuteranomaly**  
14935028

**Tritanomaly**  
12971258

# Monochromacy



**Original Color**  
12905970

**Achromatopsia**  
14803425

**Achromatomaly**  
14083559

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12905970 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 #C4EDF2 looks like.

```
.text, #text, p{  
  color:#C4EDF2  
}
```

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 #C4EDF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4EDF2
}
```

## Border

The CSS property to change the border of an element to Decimal 12905970 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
#C4EDF2 }
```

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

```
.border{ border-color:#C4EDF2 }
```

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

Here you see how a box with a 4 pixel #C4EDF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4EDF2; -webkit-box-shadow:4px 4px  
4px 4px #C4EDF2; box-shadow:4px 4px 4px  
4px #C4EDF2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12905970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4EDF2 }
```

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

```
.background{ background-color:#C4EDF2 }
```

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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