

# Converting Colors

Decimal(12705002)

Have a look what the booklet for  
Decimal(12705002) contains.

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# **Color**

**Decimal(12705002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1DCEA
RGB	193, 220, 234
RGB Percent	76%, 86%, 92%
CMY	0.2431, 0.1373, 0.0824
CMYK	0.18, 0.06, 0.00, 0.08
HSL	200°, 49%, 84%
HSV	200°, 18%, 92%
XYZ	62.4368, 68.4644, 87.7661
YIQ	213.5230, -20.5860, -1.3700

# Conversions

## Conversions Part 2

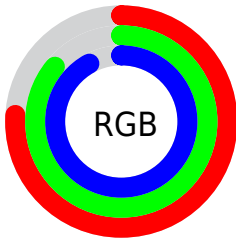
Format	Color
<a href="#">RYB</a>	<a href="#">193, 209, 234</a>
Decimal	<a href="#">12705002</a>
CIELab	<a href="#">86.24, -6.03, -9.86</a>
CIELCh	<a href="#">86, 11.558, 238.531</a>
Yxy	<a href="#">68.4644, 0.2855, 0.3131</a>
Android (android.graphics.Color)	<a href="#">4290895082</a> ( <a href="#">0xFFC1DCEA</a> )
YUV	<a href="#">213.5230, 10.0952, -17.9987</a>
Hunter-Lab	<a href="#">82.7432, -10.1071, -4.9689</a>

# Details

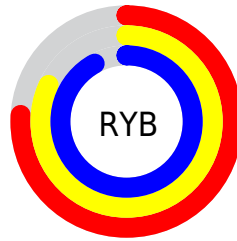
The Decimal color **12705002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15388609**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16449535**, and **9151922** is the 20% darker color. If you saturate the color by 10%, you get **11195626**, and if you desaturate by 10%, it is **14214378**.

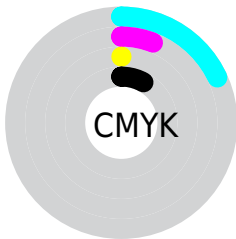
# Distribution



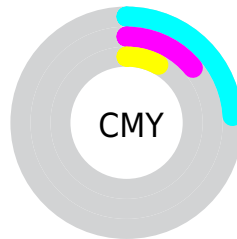
- Red (76%)
- Green (86%)
- Blue (92%)



- Red (76%)
- Yellow (82%)
- Blue (92%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (14%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12705002 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 12705002 by changing the saturation by 10% instead.



 12705002	 12705002
16777215	 10928334
 16449535	 9151922
	 7441304
	 5796222
	 4217189
	 2703693
	 1190710
	 5921
	 8

■ 12705002

■ 12705002

■ 11195626

■ 14214378

■ 9620714

■ 15789290

■ 8111338

■ 16774378

■ 6536426

■ 16776426

■ 5027050

■ 16777194

■ 3517674

■ 1942762

■ 433386

■ 39658

# Harmonies

## Analogous

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



12443362



12705002



13425133

# Triad

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



12705002



15651033



14015172

# Complementary

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



12705002



15388609

# 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.



14866370



12705002



15782350

# Square

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



12705002



15127267



15455173



13229516

# Rectangle

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



12705002



14014188



15455173



14277059



# Sweetspot

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



12705002



15924223



12708559



7896448



0



8421504

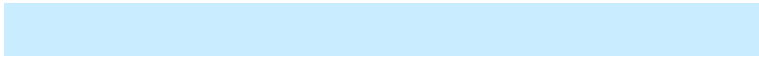


# Same Dimension

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



12705002



13233663



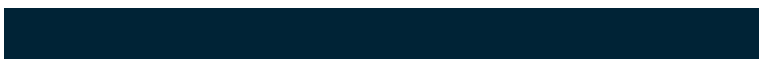
12699882



6975861



30645



9014



# Inverse Universe

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



15385052



16763373



15393729



7694961



11862135

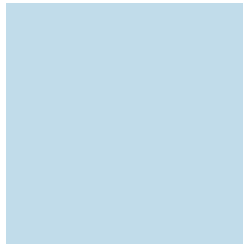


3538979



# Previews

## White Background



This preview shows how the Decimal color 12705002 looks on a white background.

## Color Contrast Check

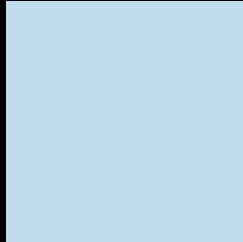
Large Text (above 18pt) WCAG AA × Fail

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 12705002 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

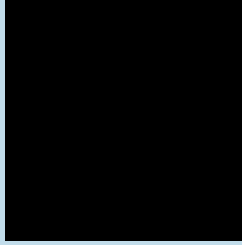
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

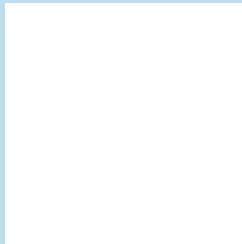
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12705002 Background



This preview shows how black text looks on a background with the Decimal color 12705002.



This preview shows how white text looks on a background with the Decimal color 12705002.

# 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](#).

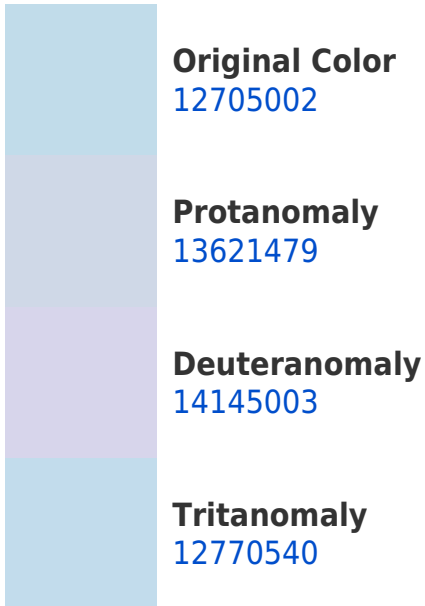
## Dichromacy



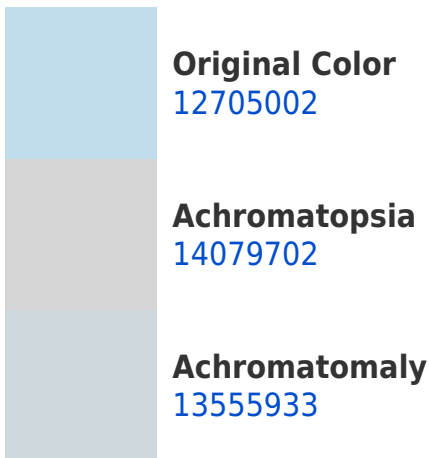


**Tritanopia**  
12770541

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12705002 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 #C1DCEA looks like.

```
.text, #text, p{  
    color:#C1DCEA  
}
```

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 #C1DCEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1DCEA
}
```

## Border

The CSS property to change the border of an element to Decimal 12705002 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
#C1DCEA }
```

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

```
.border{ border-color:#C1DCEA }
```

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

Here you see how a box with a 4 pixel #C1DCEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1DCEA; -webkit-box-shadow:4px 4px  
4px 4px #C1DCEA; box-shadow:4px 4px 4px  
4px #C1DCEA }
```

# Background

The CSS property to change the background color of an element to Decimal 12705002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1DCEA }
```

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

```
.background{ background-color:#C1DCEA }
```

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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