

# Converting Colors

Decimal(13030371)

Have a look what the booklet for  
Decimal(13030371) contains.

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# **Color**

**Decimal(13030371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6D3E3
RGB	198, 211, 227
RGB Percent	78%, 83%, 89%
CMY	0.2235, 0.1725, 0.1098
CMYK	0.13, 0.07, 0.00, 0.11
HSL	213°, 34%, 83%
HSV	213°, 13%, 89%
XYZ	60.4481, 64.1403, 81.8674
YIQ	208.9370, -12.8840, 2.2200

# Conversions

## Conversions Part 2

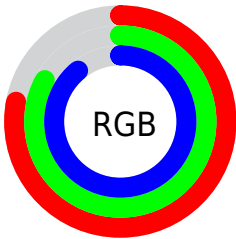
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 207, 227
Decimal	13030371
CIE Lab	84.04, -1.22, -9.38
CIE LCh	84, 9.462, 262.601
Yxy	64.1403, 0.2928, 0.3107
Android (android.graphics.Color)	4291220451 (0xFFC6D3E3)
YUV	208.9370, 8.9051, -9.5917
Hunter-Lab	80.0877, -5.4263, -4.5462

# Details

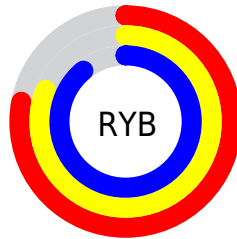
The Decimal color **13030371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14931654**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16777215**, and **9477548** is the 20% darker color. If you saturate the color by 10%, you get **11519715**, and if you desaturate by 10%, it is **14541027**.

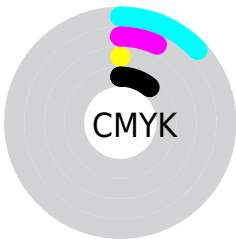
# Distribution



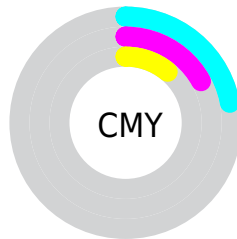
- Red (78%)
- Green (83%)
- Blue (89%)



- Red (78%)
- Yellow (81%)
- Blue (89%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (17%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13030371 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 13030371 by changing the saturation by 10% instead.



■ 13030371

16777215

■ 13030371

■ 11253703

■ 9477548

■ 7766673

■ 6121847

■ 4542815

■ 3095111

■ 1647921

■ 69660

■ 0

■ 13030371

■ 13030371

■ 11519715

■ 14541027

■ 10074851

■ 15985891

■ 8564195

■ 16775651

■ 7053795

■ 16777187

■ 5608675

■ 4098275

■ 2587619

■ 1077219

■ 26339

# Harmonies

## Analogous

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



12506591



13030371



13750498

# Triad

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



13030371



15060171



13096647

# Complementary

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



13030371



14931654

# 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.



13816769



13030371



14929604

# Square

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



13030371



14929108



14405824



12572623

# Rectangle

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



13030371



14208735



14405824



13358532



# Sweetspot

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



13030371



16120319



13034454



7961728



0



8421504

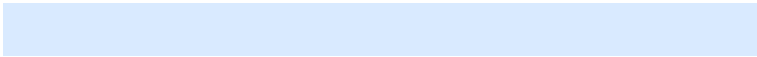


# Same Dimension

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



13030371



14281471



13092579



6777971



20659



5939



# Inverse Universe

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



14927571



16767466



14869446



7563116



11731024

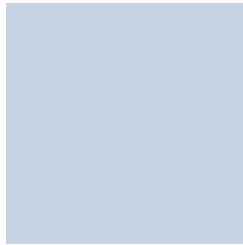


3342359



# Previews

## White Background



This preview shows how the Decimal color 13030371 looks on a white background.

## Color Contrast Check

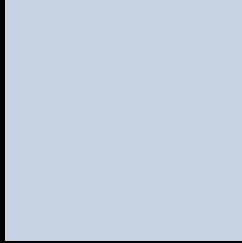
Large Text (above 18pt) WCAG AA × Fail

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 13030371 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

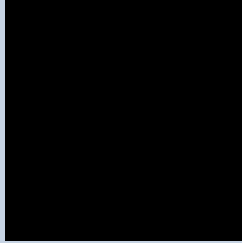
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

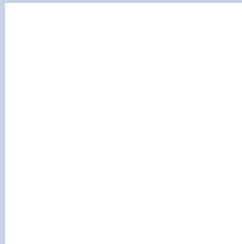
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13030371 Background



This preview shows how black text looks on a background with the Decimal color 13030371.



This preview shows how white text looks on a background with the Decimal color 13030371.

# 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**  
13030372

# Trichromacy



**Original Color**  
13030371

**Protanomaly**  
13423074

**Deuteranomaly**  
14012388

**Tritanomaly**  
13030372

# Monochromacy



**Original Color**  
13030371

**Achromatopsia**  
13750737

**Achromatomaly**  
13488856

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13030371 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 #C6D3E3 looks like.

```
.text, #text, p{  
    color:#C6D3E3  
}
```

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 #C6D3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D3E3
}
```

## Border

The CSS property to change the border of an element to Decimal 13030371 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
#C6D3E3 }
```

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

```
.border{ border-color:#C6D3E3 }
```

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

Here you see how a box with a 4 pixel #C6D3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D3E3; -webkit-box-shadow:4px 4px  
4px 4px #C6D3E3; box-shadow:4px 4px 4px  
4px #C6D3E3 }
```

# Background

The CSS property to change the background color of an element to Decimal 13030371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D3E3 }
```

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

```
.background{ background-color:#C6D3E3 }
```

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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