

# Converting Colors

Decimal(12377840)

Have a look what the booklet for  
Decimal(12377840) contains.

<b>Decimal(12377840)</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(12377840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCDEF0
RGB	188, 222, 240
RGB Percent	74%, 87%, 94%
CMY	0.2627, 0.1294, 0.0588
CMYK	0.22, 0.07, 0.00, 0.06
HSL	201°, 63%, 84%
HSV	201°, 22%, 94%
XYZ	62.5885, 69.2252, 92.5011
YIQ	213.8860, -26.0420, -1.6100

# Conversions

## Conversions Part 2

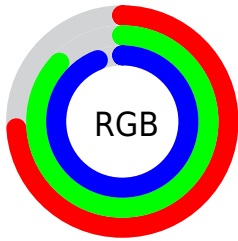
Format	Color
<b>RYB</b>	188, 209, 240
Decimal	12377840
CIELab	86.62, -7.31, -12.50
CIElCh	87, 14.477, 239.680
Yxy	69.2252, 0.2790, 0.3086
Android (android.graphics.Color)	4290567920 (0xFFBCDEF0)
YUV	213.8860, 12.8742, -22.7020
Hunter-Lab	83.2017, -11.3262, -7.6757

# Details

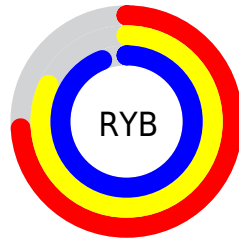
The Decimal color **12377840** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **15781564**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16121855**, and **8824760** is the 20% darker color. If you saturate the color by 10%, you get **10802928**, and if you desaturate by 10%, it is **13952752**.

# Distribution



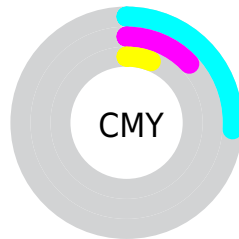
- Red (74%)
- Green (87%)
- Blue (94%)



- Red (74%)
- Yellow (82%)
- Blue (94%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (26%)
- Magenta (13%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12377840 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 12377840 by changing the saturation by 10% instead.



■ 12377840

■ 12377840

16777215

■ 10601172

■ 16121855

■ 8824760

■ 7114141

■ 5469059

■ 3824234

■ 2245458

■ 470331

■ 6437

■ 271

■ 12377840

■ 12377840

■ 10802928

■ 13952752

■ 9227760

■ 15527920

■ 7652848

■ 16775152

■ 6077936

■ 16777200

■ 4502768

■ 2927856

■ 1352944

■ 40432

# Harmonies

## Analogous

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



11985126



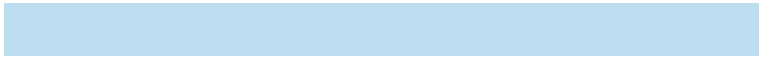
12377840



13294324

# Triad

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



12377840



16044249



14015681

# Complementary

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



12377840



15781564

# 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.



14997694



12377840



16175308

# Square

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



12377840



15454695



15782850



12967883

# Rectangle

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



12377840



14079986



15782850



14343103



# Sweetspot

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



12377840



15596031



12382413



7699584



0



8421504

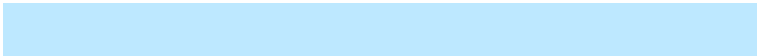


# Same Dimension

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



12377840



12445951



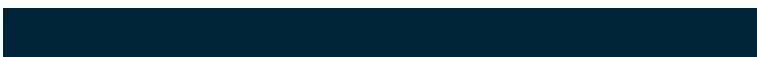
12371440



7107704



30904



9528



# Inverse Universe

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



15776990



16760296



15787964



7892084



12058744

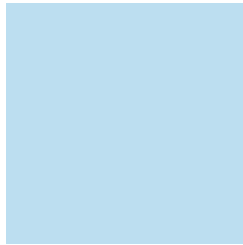


3670053



# Previews

## White Background



This preview shows how the Decimal color 12377840 looks on a white background.

## Color Contrast Check

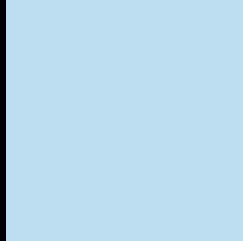
Large Text (above 18pt) WCAG AA × Fail

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 12377840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

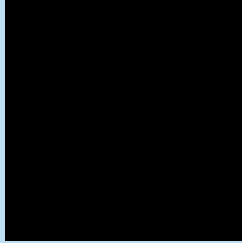
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

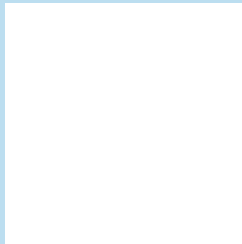
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12377840 Background



This preview shows how black text looks on a background with the Decimal color 12377840.



This preview shows how white text looks on a background with the Decimal color 12377840.

# 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



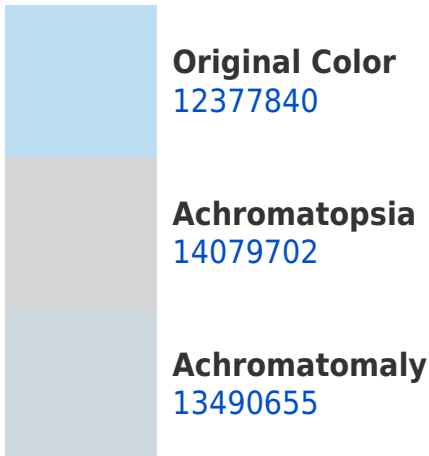


**Tritanopia**  
12377840

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12377840 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 #BCDEF0 looks like.

```
.text, #text, p{  
    color:#BCDEF0  
}
```

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 #BCDEF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCDEF0
}
```

## Border

The CSS property to change the border of an element to Decimal 12377840 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
#BCDEF0 }
```

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

```
.border{ border-color:#BCDEF0 }
```

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

Here you see how a box with a 4 pixel #BCDEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCDEF0; -webkit-box-shadow:4px 4px  
4px 4px #BCDEF0; box-shadow:4px 4px 4px  
4px #BCDEF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12377840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCDEF0 }
```

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

```
.background{ background-color:#BCDEF0 }
```

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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