

# Converting Colors

Decimal(12376814)

Have a look what the booklet for  
Decimal(12376814) contains.

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# **Color**

**Decimal(12376814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCDAEE
RGB	188, 218, 238
RGB Percent	74%, 85%, 93%
CMY	0.2627, 0.1451, 0.0667
CMYK	0.21, 0.08, 0.00, 0.07
HSL	204°, 60%, 84%
HSV	204°, 21%, 93%
XYZ	61.2431, 67.0072, 90.5948
YIQ	211.3100, -24.3000, -0.1400

# Conversions

## Conversions Part 2

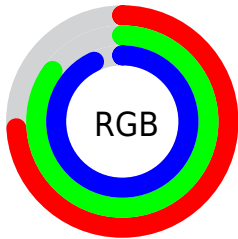
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 207, 238
Decimal	12376814
CIELab	85.51, -5.67, -13.10
CIELCh	86, 14.272, 246.580
Yxy	67.0072, 0.2798, 0.3062
Android (android.graphics.Color)	4290566894 (0xFFBCDAEE)
YUV	211.3100, 13.1582, -20.4429
Hunter-Lab	81.8579, -9.7043, -8.3176

# Details

The Decimal color **12376814** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15651004**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **16121855**, and **8823734** is the 20% darker color. If you saturate the color by 10%, you get **10801390**, and if you desaturate by 10%, it is **13952238**.

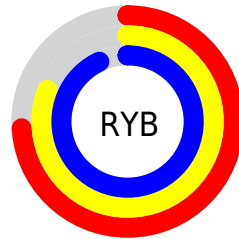
# Distribution



Red (74%)

Green (85%)

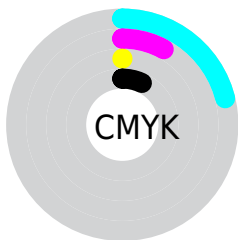
Blue (93%)



Red (74%)

Yellow (81%)

Blue (93%)

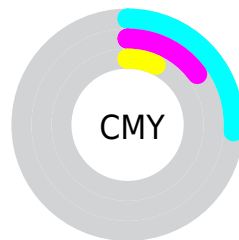


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (15%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12376814 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 12376814 by changing the saturation by 10% instead.



■ 12376814

16777215

■ 16121855

■ 12376814

■ 10600146

■ 8823734

■ 7113115

■ 5468289

■ 3889000

■ 2310224

■ 600633

■ 5667

■ 269

■ 12376814

■ 12376814

■ 10801390

■ 13952238

■ 9226222

■ 15527406

■ 7716334

■ 16775150

■ 6141166

■ 16777198

■ 4565742

■ 2990574

■ 1415150

■ 36846

# Harmonies

## Analogous

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



11853285



12376814



13358832

# Triad

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



12376814



15912403



13556416

# Complementary

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



12376814



15651004

# 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.



14603963



12376814



15912646

# Square

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



12376814



15388385



15454653



12639691

# Rectangle

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



12376814



14144494



15454653



13949373



# Sweetspot

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



12376814



15792639



12381904



7830656



0



8421504

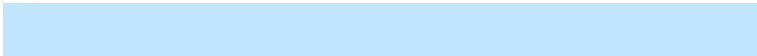


# Same Dimension

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



12376814



12576255



12370414



7107448



28344



8760



# Inverse Universe

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



15645914



16760805



15657404



7892083



12058734

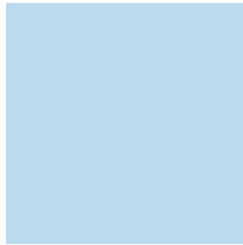


3670050



# Previews

## White Background



This preview shows how the Decimal color 12376814 looks on a white background.

## Color Contrast Check

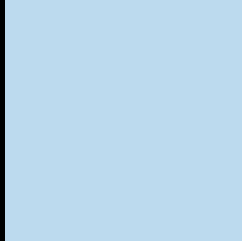
Large Text (above 18pt) WCAG AA × Fail

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 12376814 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

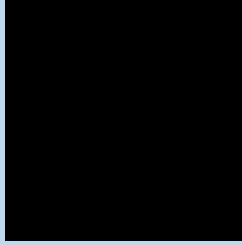
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

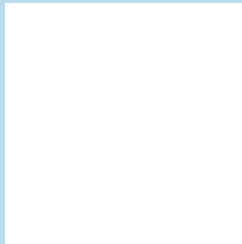
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12376814 Background



This preview shows how black text looks on a background with the Decimal color 12376814.

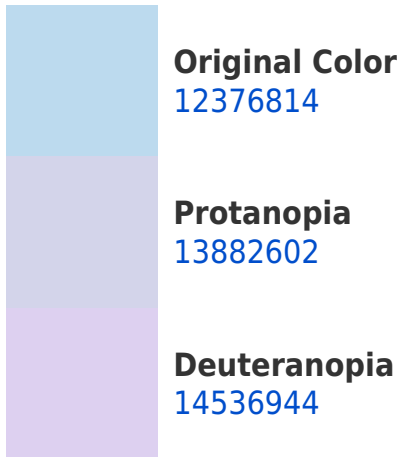


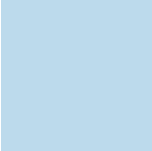
This preview shows how white text looks on a background with the Decimal color 12376814.

# 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



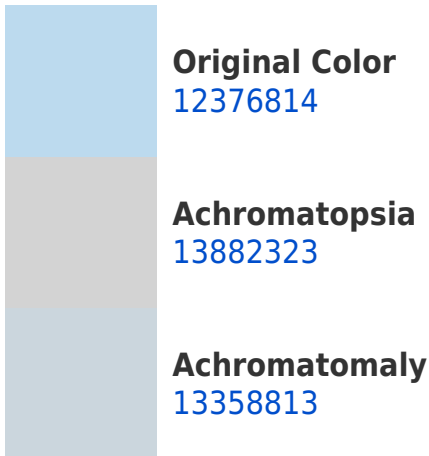


**Tritanopia**  
12376812

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12376814 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 #BCDAEE looks like.

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

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 #BCDAEE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 12376814 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
#BCDAEE }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 12376814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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