

Converting Colors

Decimal(12773873)

Have a look what the booklet for
Decimal(12773873) contains.

Decimal(12773873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12773873)

Conversions

Conversions Part 1

Format	Color
Hex	C2E9F1
RGB	194, 233, 241
RGB Percent	76%, 91%, 95%
CMY	0.2392, 0.0863, 0.0549
CMYK	0.20, 0.03, 0.00, 0.05
HSL	190°, 63%, 85%
HSV	190°, 20%, 95%
XYZ	67.2642, 76.0980, 94.3623
YIQ	222.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

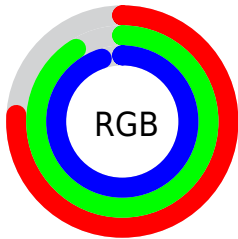
Format	Color
RYB	194, 215, 241
Decimal	12773873
CIELab	89.90, -10.91, -8.09
CIELCh	90, 13.584, 216.540
Yxy	76.0980, 0.2830, 0.3201
Android (android.graphics.Color)	4290963953 (0xFFC2E9F1)
YUV	222.2510, 9.2433, -24.7761
Hunter-Lab	87.2342, -15.0227, -3.0708

Details

The Decimal color **12773873** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15846082**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16515071**, and **9220537** is the 20% darker color. If you saturate the color by 10%, you get **11199985**, and if you desaturate by 10%, it is **14347761**.

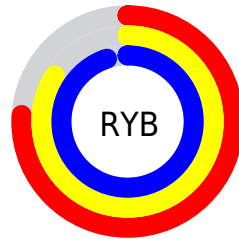
Distribution



Red (76%)

Green (91%)

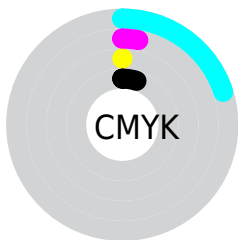
Blue (95%)



Red (76%)

Yellow (84%)

Blue (95%)

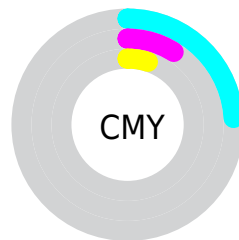


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12773873 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 12773873 by changing the saturation by 10% instead.

■ 12773873

■ 12773873

16777215

■ 10931669

■ 16515071

■ 9220537

■ 7444382

■ 5799300

■ 4220011

■ 2575443

■ 931132

■ 8230

■ 274

 12773873	 12773873
 11199985	 14347761
 9626097	 15921649
 8052209	 16774641
 6478321	 16775665
 4904177	 16776945
 3264753	 16777201
 1690865	
 116977	
 51441	

Harmonies

Analogous

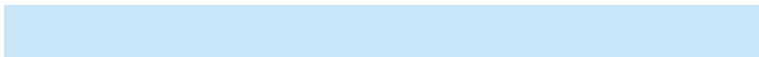
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12839653



12773873



13297401

Triad

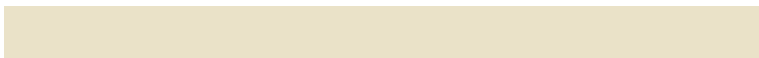
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12773873



16178157



15393480

Complementary

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



12773873



15846082

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.



16178891



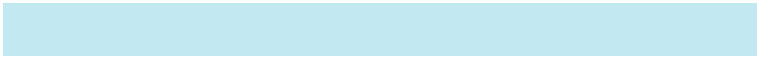
12773873



16636384

Square

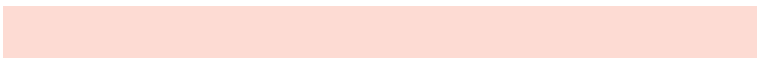
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12773873



15261431



16636883



14411469

Rectangle

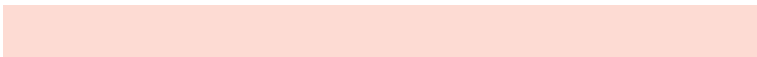
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



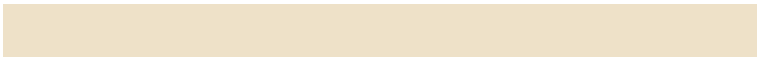
12773873



13886716



16636883



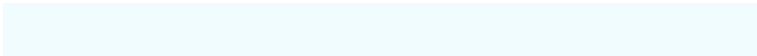
15655368

Sweetspot

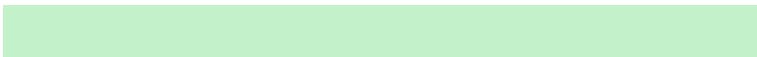
The Sweet Spot groups the original color and five complimentary colors.



12773873



15793407



12775882



7831168



0



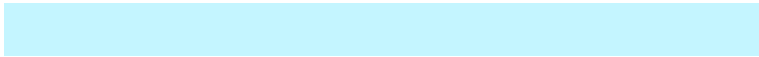
8421504

Same Dimension

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



12773873



12908031



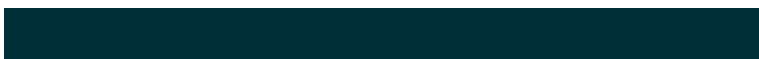
12767985



7108216



39096



12088

Inverse Universe

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



15844073



16762101



15851970



7892086



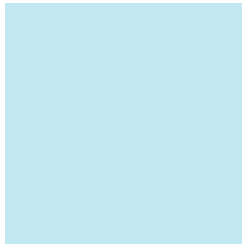
12058776



3670063

Previews

White Background



This preview shows how the Decimal color 12773873 looks on a white background.

Color Contrast Check

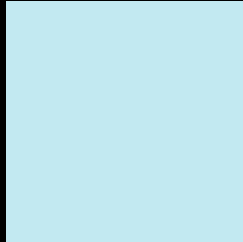
Large Text (above 18pt) WCAG AA × Fail

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 12773873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

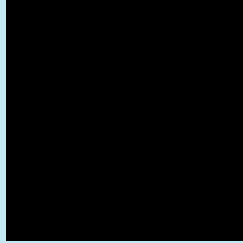
Any Text WCAG AA ✓ Pass

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 12773873 Background



This preview shows how black text looks on a background with the Decimal color 12773873.



This preview shows how white text looks on a background with the Decimal color 12773873.

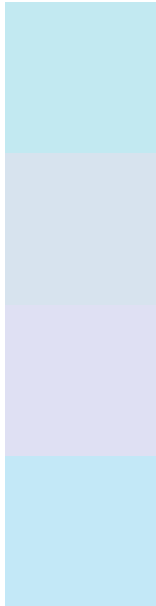
Color Blindness Simulation

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



Trichromacy



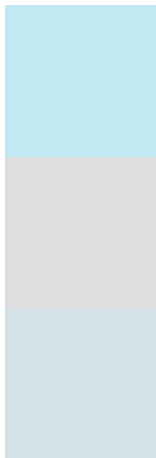
Original Color
12773873

Protanomaly
14148590

Deuteranomaly
14672115

Tritanomaly
12839159

Monochromacy



Original Color
12773873

Achromatopsia
14606046

Achromatomaly
13951717

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12773873 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 #C2E9F1 looks like.

```
.text, #text, p{  
    color:#C2E9F1  
}
```

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 #C2E9F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E9F1
}
```

Border

The CSS property to change the border of an element to Decimal 12773873 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
#C2E9F1 }
```

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

```
.border{ border-color:#C2E9F1 }
```

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

Here you see how a box with a 4 pixel #C2E9F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E9F1; -webkit-box-shadow:4px 4px  
4px 4px #C2E9F1; box-shadow:4px 4px 4px  
4px #C2E9F1 }
```

Background

The CSS property to change the background color of an element to Decimal 12773873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E9F1 }
```

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

```
.background{ background-color:#C2E9F1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor