

Converting Colors

Decimal(11987440)

Have a look what the booklet for
Decimal(11987440) contains.

Decimal(11987440)	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(11987440)

Conversions

Conversions Part 1

Format	Color
Hex	B6E9F0
RGB	182, 233, 240
RGB Percent	71%, 91%, 94%
CMY	0.2863, 0.0863, 0.0588
CMYK	0.24, 0.03, 0.00, 0.06
HSL	187°, 66%, 83%
HSV	187°, 24%, 94%
XYZ	64.1585, 74.5142, 93.4392
YIQ	218.5490, -32.6430, -8.6350

Conversions

Conversions Part 2

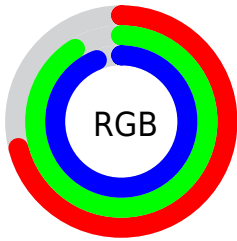
Format	Color
R _Y B	182, 209, 240
Decimal	11987440
CIE Lab	89.16, -14.69, -8.74
CIE LCh	89, 17.093, 210.748
Yxy	74.5142, 0.2764, 0.3210
Android (android.graphics.Color)	4290177520 (0xFFB6E9F0)
YUV	218.5490, 10.5753, -32.0535
Hunter-Lab	86.3216, -18.3927, -3.7536

Details

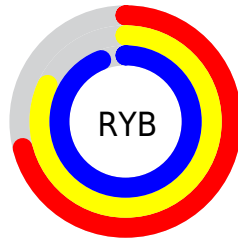
The Decimal color **11987440** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15777206**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **15728639**, and **8434104** is the 20% darker color. If you saturate the color by 10%, you get **10413808**, and if you desaturate by 10%, it is **13561072**.

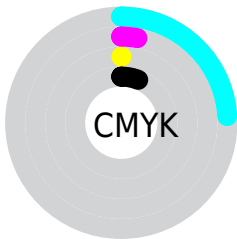
Distribution



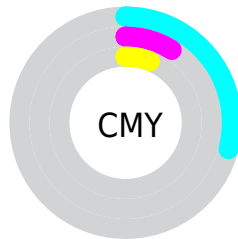
- Red (71%)
- Green (91%)
- Blue (94%)



- Red (71%)
- Yellow (82%)
- Blue (94%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (29%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11987440 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 11987440 by changing the saturation by 10% instead.



11987440

11987440

10413808

13561072

8840176

15134704

7266544

16708336

5692912

16774640

4119536

16775152

2545904

16775920

972272

16776688

54256

16777200

Harmonies

Analogous

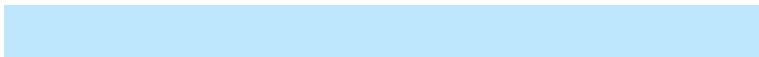
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12249824



11987440



12510972

Triad

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



11987440



16177136



15589312

Complementary

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



11987440



15777206

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.



16505540



11987440



16766432

Square

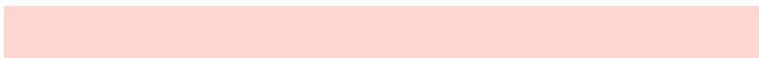
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11987440



14998780



16766672



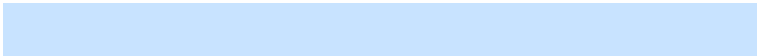
14410948

Rectangle

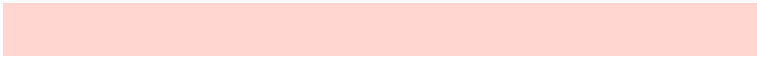
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11987440



13165567



16766672



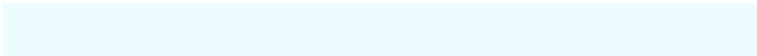
15916480

Sweetspot

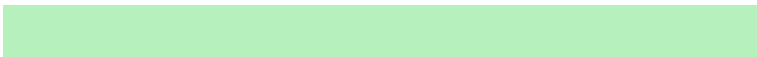
The Sweet Spot groups the original color and five complimentary colors.



11987440



15597055



11989181



7700096



0



8421504

Same Dimension

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



11987440



11925247



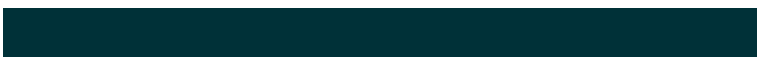
11980016



7108216



41400



12600

Inverse Universe

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



15775465



16758262



15784630



7892086



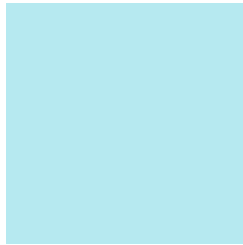
12058785



3670065

Previews

White Background



This preview shows how the Decimal color 11987440 looks on a white background.

Color Contrast Check

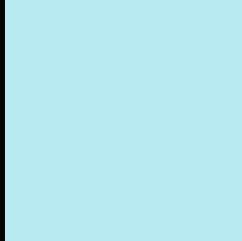
Large Text (above 18pt) WCAG AA × Fail

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 11987440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

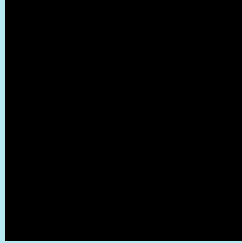
Any Text WCAG AA ✓ Pass

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 11987440 Background



This preview shows how black text looks on a background with the Decimal color 11987440.



This preview shows how white text looks on a background with the Decimal color 11987440.

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



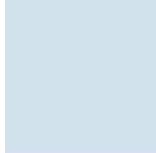


Tritanopia
12118010

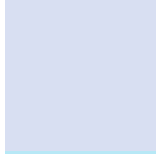
Trichromacy



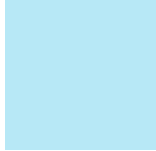
Original Color
11987440



Protanomaly
13755116

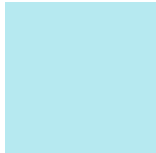


Deuteranomaly
14213106

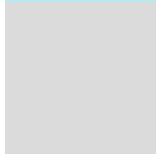


Tritanomaly
12052726

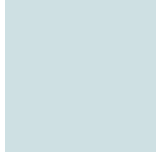
Monochromacy



Original Color
11987440



Achromatopsia
14408667



Achromatomaly
13557987

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11987440 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 #B6E9F0 looks like.

```
.text, #text, p{  
    color:#B6E9F0  
}
```

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 #B6E9F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E9F0
}
```

Border

The CSS property to change the border of an element to Decimal 11987440 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
#B6E9F0 }
```

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

```
.border{ border-color:#B6E9F0 }
```

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

Here you see how a box with a 4 pixel #B6E9F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E9F0; -webkit-box-shadow:4px 4px  
4px 4px #B6E9F0; box-shadow:4px 4px 4px  
4px #B6E9F0 }
```

Background

The CSS property to change the background color of an element to Decimal 11987440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E9F0 }
```

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

```
.background{ background-color:#B6E9F0 }
```

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