

Converting Colors

Decimal(12248317)

Have a look what the booklet for
Decimal(12248317) contains.

| | |
|--|----|
| Decimal(12248317) | 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(12248317)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BAE4FD |
| RGB | 186, 228, 253 |
| RGB Percent | 73%, 89%, 99% |
| CMY | 0.2706, 0.1059, 0.0078 |
| CMYK | 0.26, 0.10, 0.00, 0.01 |
| HSL | 202°, 94%, 86% |
| HSV | 202°, 26%, 99% |
| XYZ | 65.7227, 73.0178, 103.5584 |
| YIQ | 218.2920, -33.0570, -1.1290 |

Conversions

Conversions Part 2

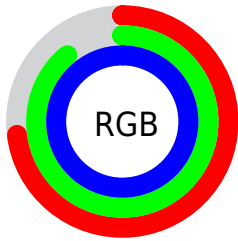
| Format | Color |
|-------------------------------------|--|
| RYB | 186, 212, 253 |
| Decimal | 12248317 |
| CIELab | 88.46, -8.10, -16.59 |
| CIELCh | 88, 18.460, 243.975 |
| Yxy | 73.0178, 0.2712, 0.3014 |
| Android (android.graphics.Color) | 4290438397 (0xFFBAE4FD) |
| YUV | 218.2920, 17.1110, -28.3201 |
| Hunter-Lab | 85.4504, -12.2481, -12.0390 |

Details

The Decimal color **12248317** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16634810**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **15990783**, and **8629700** is the 20% darker color. If you saturate the color by 10%, you get **10607613**, and if you desaturate by 10%, it is **13889021**.

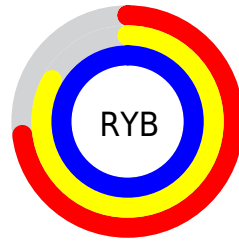
Distribution



Red (73%)

Green (89%)

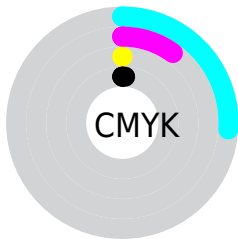
Blue (99%)



Red (73%)

Yellow (83%)

Blue (99%)

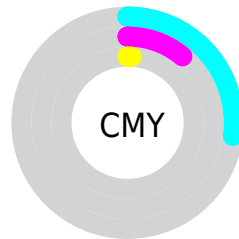


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (27%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12248317 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 12248317 by changing the saturation by 10% instead.

| | |
|--|--|
|  12248317 |  12248317 |
| 16777215 |  10406112 |
|  15990783 |  8629700 |
| |  6918825 |
| |  5208207 |
| |  3563637 |
| |  1787996 |
| |  12613 |
| |  7470 |
| |  282 |

■ 12248317

■ 12248317

■ 10607613

■ 13889021

■ 8901117

■ 15595517

■ 7260413

16777213

■ 5619453

■ 3913213

■ 2272253

■ 631549

■ 40957

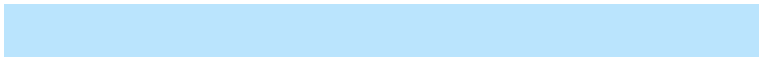
Harmonies

Analogous

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



11593713



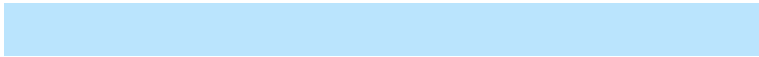
12248317



13557759

Triad

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



12248317



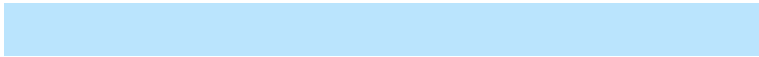
16765660



14083009

Complementary

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



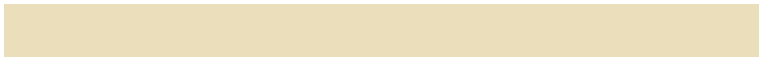
12248317



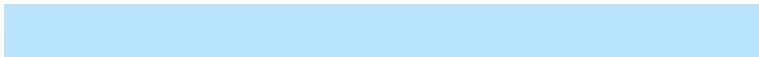
16634810

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.



15392443



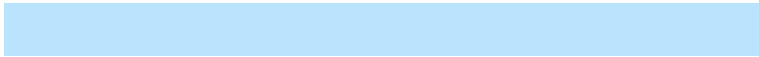
12248317



16765899

Square

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



12248317



16241902



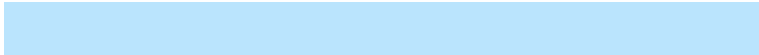
16439487



12773326

Rectangle

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



12248317



14539774



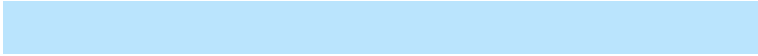
16439487



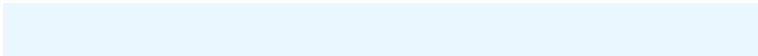
14541246

Sweetspot

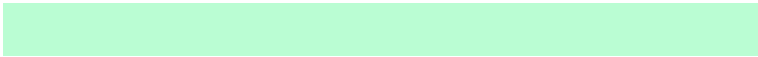
The Sweet Spot groups the original color and five complimentary colors.



12248317



15464447



12254675



7568256



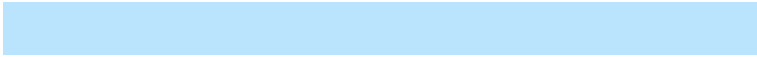
0



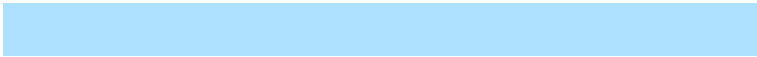
8421504

Same Dimension

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



12248317



11395583



12239869



7568256



30911



10304

Inverse Universe

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



16628452



16756193



16643258



8418171



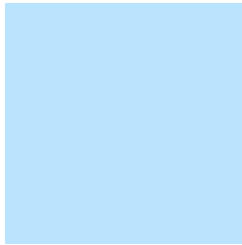
12517496



4194344

Previews

White Background



This preview shows how the Decimal color 12248317 looks on a white background.

Color Contrast Check

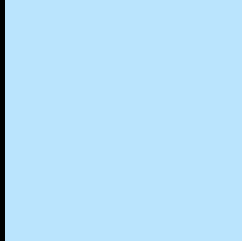
Large Text (above 18pt) WCAG AA × Fail

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 12248317 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

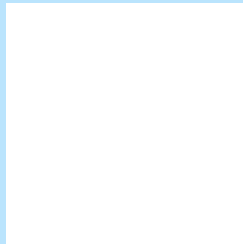
Any Text WCAG AAA ✓ Pass

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

Decimal 12248317 Background



This preview shows how black text looks on a background with the Decimal color 12248317.

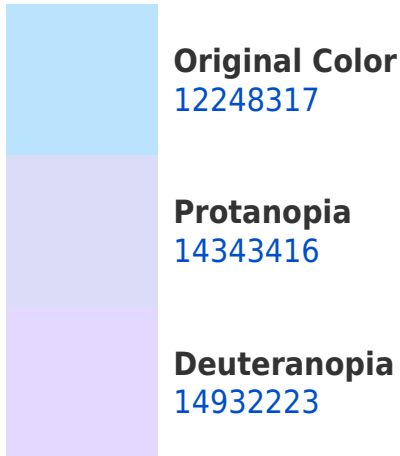



This preview shows how white text looks on a background with the Decimal color 12248317.

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
12183031

Trichromacy



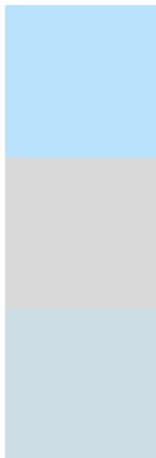
Original Color
12248317

Protanomaly
13557754

Deuteranomaly
13950206

Tritanomaly
12183033

Monochromacy



Original Color
12248317

Achromatopsia
14342874

Achromatomaly
13557479

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12248317 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 #BAE4FD looks like.

```
.text, #text, p{  
    color:#BAE4FD  
}
```

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 #BAE4FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAE4FD }  
}
```

Border

The CSS property to change the border of an element to Decimal 12248317 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 #BAE4FD }  
}
```

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

```
.border{ border-color:#BAE4FD }
```

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

Here you see how a box with a 4 pixel #BAE4FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAE4FD; -webkit-box-shadow:4px 4px  
4px 4px #BAE4FD; box-shadow:4px 4px 4px  
4px #BAE4FD }
```

Background

The CSS property to change the background color of an element to Decimal 12248317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAE4FD }
```

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

```
.background{ background-color:#BAE4FD }
```

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