

Converting Colors

Decimal(12187368)

Have a look what the booklet for
Decimal(12187368) contains.

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Color

Decimal(12187368)

Conversions

Conversions Part 1

Format	Color
Hex	B9F6E8
RGB	185, 246, 232
RGB Percent	73%, 96%, 91%
CMY	0.2745, 0.0353, 0.0902
CMYK	0.25, 0.00, 0.06, 0.04
HSL	166°, 77%, 85%
HSV	166°, 25%, 96%
XYZ	67.5288, 82.0520, 88.6224
YIQ	226.1650, -31.8620, -17.2860

Conversions

Conversions Part 2

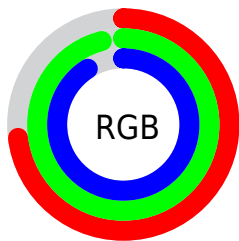
Format	Color
R _Y B	185, 219, 246
Decimal	12187368
CIE _{Lab}	92.60, -21.94, 0.50
CIE _{LCh}	93, 21.944, 178.686
Y _{xy}	82.0520, 0.2835, 0.3445
Android (android.graphics.Color)	4290377448 (0xFFB9F6E8)
Y _{UV}	226.1650, 2.8767, -36.1017
Hunter-Lab	90.5826, -25.4487, 5.4008

Details

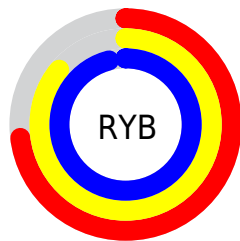
The Decimal color **12187368** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16169415**, and the grayscale version is **14869218**.

A 20% lighter version of the original color is **15925247**, and **8568496** is the 20% darker color. If you saturate the color by 10%, you get **10548962**, and if you desaturate by 10%, it is **13825774**.

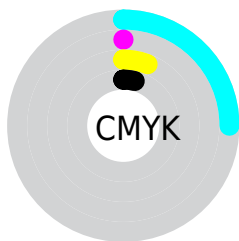
Distribution



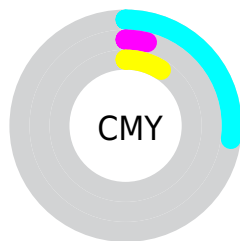
- Red (73%)
- Green (96%)
- Blue (91%)



- Red (73%)
- Yellow (86%)
- Blue (96%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (27%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12187368 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 12187368 by changing the saturation by 10% instead.



■ 12187368

■ 12187368

■ 10548962

■ 13825774

■ 8976093

■ 15398643

■ 7337687

■ 16774905

■ 5764817

■ 16774911

■ 4126412

■ 2488006

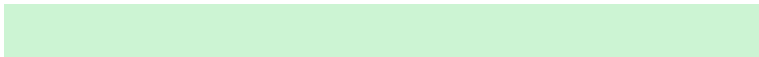
■ 915136

■ 63166

Harmonies

Analogous

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



13432019



12187368



11662845

Triad

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



12187368



15590911



16769478

Complementary

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



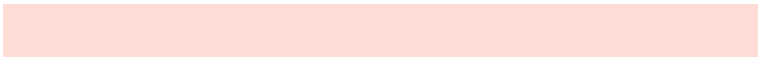
12187368



16169415

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.



16768214



12187368



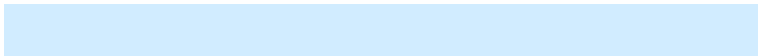
16768767

Square

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



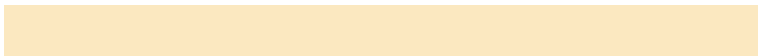
12187368



13757695



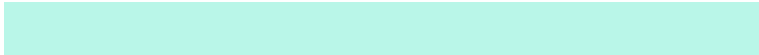
16767979



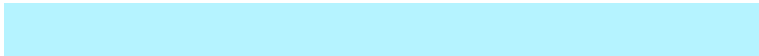
16509120

Rectangle

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



12187368



11924479



16767979



16768971

Sweetspot

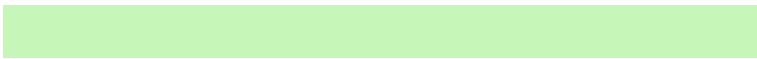
The Sweet Spot groups the original color and five complimentary colors.



12187368



15597563



13104825



7700605



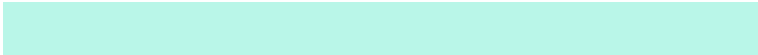
0



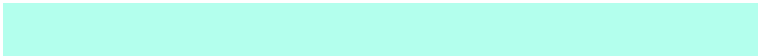
8421504

Same Dimension

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



12187368



11796461



12183286



7240312



47759



15149

Inverse Universe

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



16169415



16757700



16173497



8023665



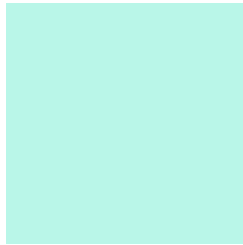
12189739



3866637

Previews

White Background



This preview shows how the Decimal color 12187368 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 12187368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

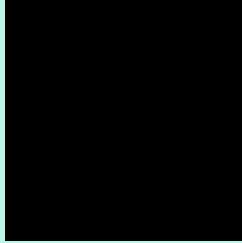
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

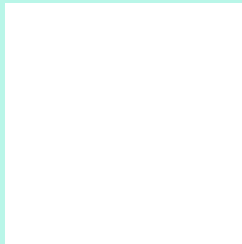
Any Text WCAG AAA ✓ Pass

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

Decimal 12187368 Background



This preview shows how black text looks on a background with the Decimal color 12187368.

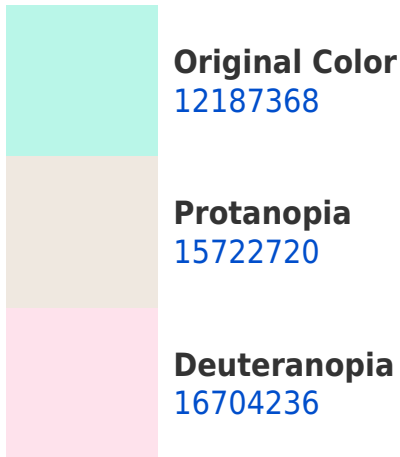


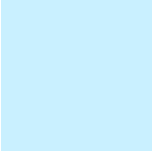
This preview shows how white text looks on a background with the Decimal color 12187368.

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



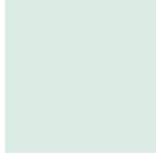


Tritanopia
13234431

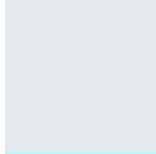
Trichromacy



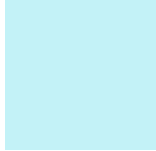
Original Color
12187368



Protanomaly
14413283

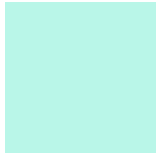


Deuteranomaly
15067627

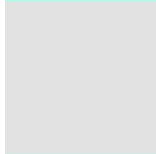


Tritanomaly
12841719

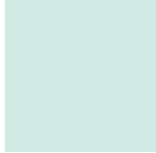
Monochromacy



Original Color
12187368



Achromatopsia
14869218



Achromatomaly
13887972

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12187368 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 #B9F6E8 looks like.

```
.text, #text, p{  
    color:#B9F6E8  
}
```

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 #B9F6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9F6E8
}
```

Border

The CSS property to change the border of an element to Decimal 12187368 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
#B9F6E8 }
```

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

```
.border{ border-color:#B9F6E8 }
```

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

Here you see how a box with a 4 pixel #B9F6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9F6E8; -webkit-box-shadow:4px 4px  
4px 4px #B9F6E8; box-shadow:4px 4px 4px  
4px #B9F6E8 }
```

Background

The CSS property to change the background color of an element to Decimal 12187368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9F6E8 }
```

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

```
.background{ background-color:#B9F6E8 }
```

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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