

Converting Colors

Decimal(12178420)

Have a look what the booklet for
Decimal(12178420) contains.

Decimal(12178420)	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(12178420)

Conversions

Conversions Part 1

Format	Color
Hex	B9D3F4
RGB	185, 211, 244
RGB Percent	73%, 83%, 96%
CMY	0.2745, 0.1725, 0.0431
CMYK	0.24, 0.14, 0.00, 0.04
HSL	214°, 73%, 84%
HSV	214°, 24%, 96%
XYZ	59.6310, 63.4345, 94.6891
YIQ	206.9880, -26.0890, 4.7510

Conversions

Conversions Part 2

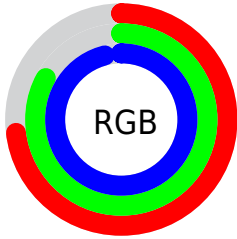
Format	Color
R _Y B	185, 203, 244
Decimal	12178420
CIE Lab	83.67, -1.58, -19.06
CIE LCh	84, 19.121, 265.269
Yxy	63.4345, 0.2738, 0.2913
Android (android.graphics.Color)	4290368500 (0xFFB9D3F4)
YUV	206.9880, 18.2469, -19.2835
Hunter-Lab	79.6458, -5.7367, -14.7366

Details

The Decimal color **12178420** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **16046777**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **15925247**, and **8625596** is the 20% darker color. If you saturate the color by 10%, you get **10601972**, and if you desaturate by 10%, it is **13754868**.

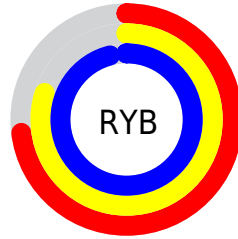
Distribution



Red (73%)

Green (83%)

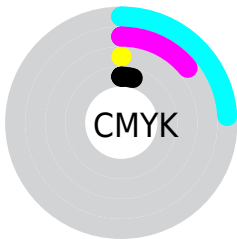
Blue (96%)



Red (73%)

Yellow (80%)

Blue (96%)

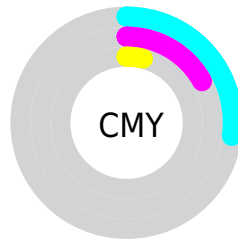


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (17%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12178420 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 12178420 by changing the saturation by 10% instead.

■ 12178420

■ 12178420

16777215

■ 10401752

■ 15925247

■ 8625596

■ 6914977

■ 5269894

■ 3625325

■ 1981013

■ 75069

■ 4135

■ 274

■ 12178420

■ 12178420

■ 10601972

■ 13754868

■ 8960244

■ 15396596

■ 7383796

■ 16776436

■ 5741812

■ 16777204

■ 4165620

■ 2589172

■ 947188

■ 27892

Harmonies

Analogous

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



11000045



12178420



13684209

Triad

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



12178420



16238018



12245436

Complementary

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



12178420



16046777

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.



13554864



12178420



15780276

Square

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



12178420



15975636



14864045



11131853

Rectangle

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



12178420



14666218



14864045



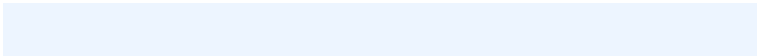
12638135

Sweetspot

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



12178420



15595007



12186841



7699072



0



8421504

Same Dimension

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



12178420



11917055



12368372



7238778



21178



6715

Inverse Universe

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



16038355



16758230



15856825



8023668



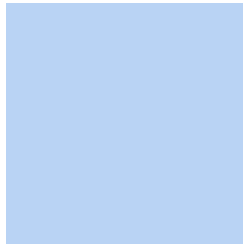
12189778



3866650

Previews

White Background



This preview shows how the Decimal color 12178420 looks on a white background.

Color Contrast Check

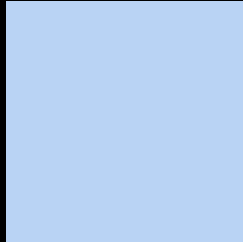
Large Text (above 18pt) WCAG AA × Fail

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 12178420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

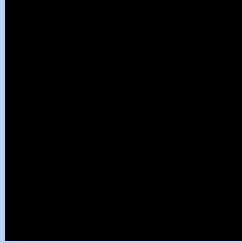
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

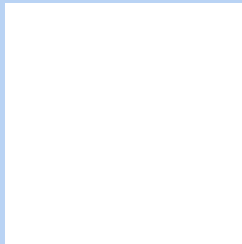
Any Text WCAG AAA ✓ Pass

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

Decimal 12178420 Background



This preview shows how black text looks on a background with the Decimal color 12178420.

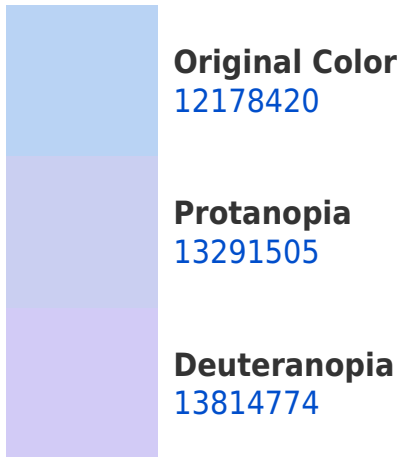


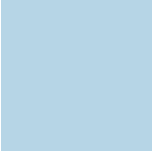
This preview shows how white text looks on a background with the Decimal color 12178420.

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



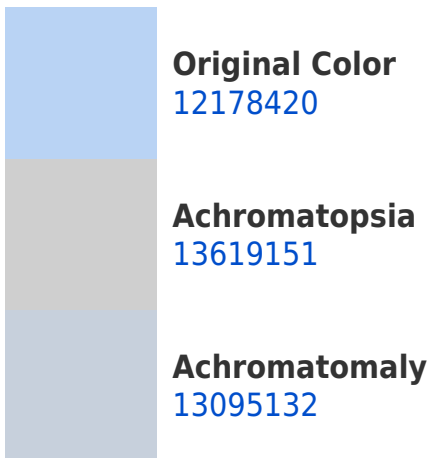


Tritanopia
11982310

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12178420 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 #B9D3F4 looks like.

```
.text, #text, p{  
    color:#B9D3F4  
}
```

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 #B9D3F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D3F4
}
```

Border

The CSS property to change the border of an element to Decimal 12178420 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
#B9D3F4 }
```

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

```
.border{ border-color:#B9D3F4 }
```

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

Here you see how a box with a 4 pixel #B9D3F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D3F4; -webkit-box-shadow:4px 4px  
4px 4px #B9D3F4; box-shadow:4px 4px 4px  
4px #B9D3F4 }
```

Background

The CSS property to change the background color of an element to Decimal 12178420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D3F4 }
```

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

```
.background{ background-color:#B9D3F4 }
```

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