

# Converting Colors

Decimal(12515579)

Have a look what the booklet for  
Decimal(12515579) contains.

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# **Color**

**Decimal(12515579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEF8FB
RGB	190, 248, 251
RGB Percent	75%, 97%, 98%
CMY	0.2549, 0.0275, 0.0157
CMYK	0.24, 0.01, 0.00, 0.02
HSL	183°, 88%, 86%
HSV	183°, 24%, 98%
XYZ	72.2152, 85.0470, 103.8764
YIQ	231.0000, -35.5310, -11.3630

# Conversions

## Conversions Part 2

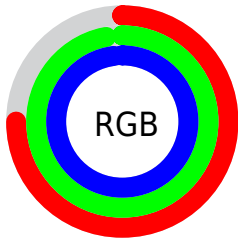
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 220, 251
Decimal	12515579
CIE <sub>Lab</sub>	93.90, -17.47, -7.40
CIE <sub>LCh</sub>	94, 18.976, 202.945
Yxy	85.0470, 0.2765, 0.3257
Android (android.graphics.Color)	4290705659 (0xFFBEF8FB)
YUV	231.0000, 9.8600, -35.9570
Hunter-Lab	92.2209, -21.6091, -2.2288

# Details

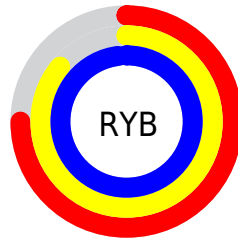
The Decimal color **12515579** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16499134**, and the grayscale version is **15198183**.

A 20% lighter version of the original color is **16252927**, and **8896707** is the 20% darker color. If you saturate the color by 10%, you get **10876923**, and if you desaturate by 10%, it is **14154235**.

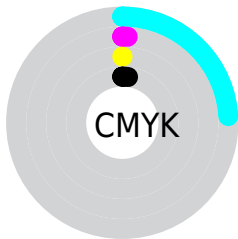
# Distribution



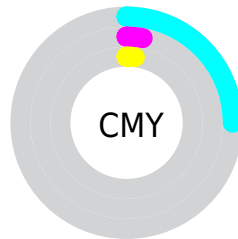
- Red (75%)
- Green (97%)
- Blue (98%)



- Red (75%)
- Yellow (86%)
- Blue (98%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (3%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12515579 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 12515579 by changing the saturation by 10% instead.



 12515579

 12515579

16777215

 10673118

 16252927

 8896707

 7120039

 5409421

 3698803

 1923163


 16451

 10797

 5913

 12515579

 12515579

 10876923

 14154235

 9238267

 15792891

 7599355

 16776443

 5960699

 16776699

 4322043

 16776955

 2617851

 16777211

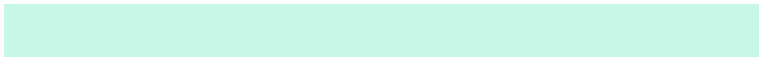
 978939

 61435

# Harmonies

## Analogous

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



13039848



12515579



12842495

# Triad

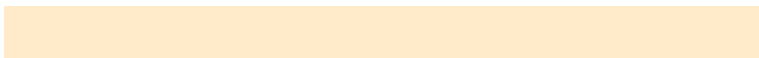
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12515579



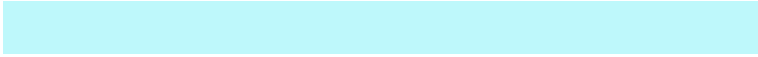
16770559



16772041

# Complementary

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



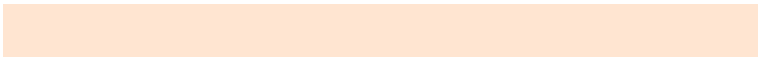
12515579



16499134

# 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.



16770513



12515579



16769523

# Square

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



12515579



15526655



16769504



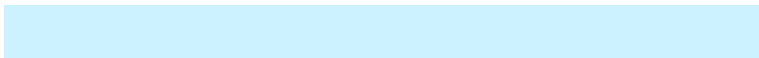
15593932

# Rectangle

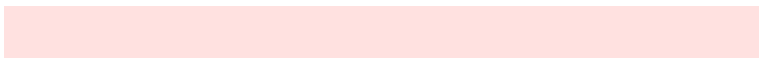
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12515579



13497087



16769504

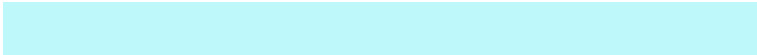


16771531

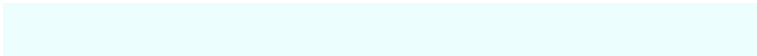


# Sweetspot

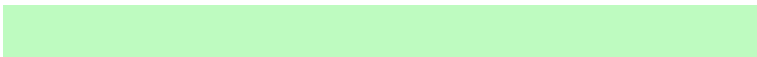
The Sweet Spot groups the original color and five complimentary colors.



12515579



15597311



12516288



7700352



0



8421504



# Same Dimension

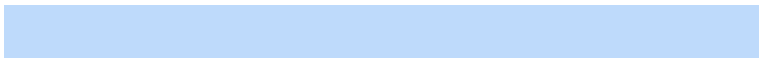
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12515579



11926527



12507899



7371901



46013



14909



# Inverse Universe

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



16498424



16758267



16506814



8220796



12386483

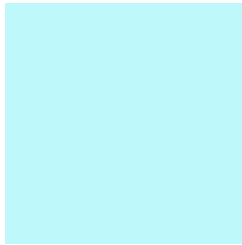


3997754



# Previews

## White Background



This preview shows how the Decimal color 12515579 looks on a white background.

## Color Contrast Check

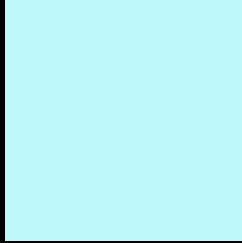
Large Text (above 18pt) WCAG AA × Fail

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 12515579 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 12515579 Background



This preview shows how black text looks on a background with the Decimal color 12515579.



This preview shows how white text looks on a background with the Decimal color 12515579.

# 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



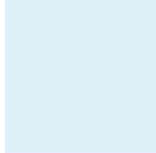


**Tritanopia**  
13890303

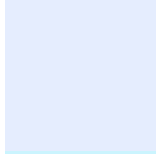
# Trichromacy



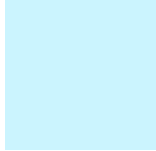
**Original Color**  
12515579



**Protanomaly**  
14545143



**Deuteranomaly**  
15068670

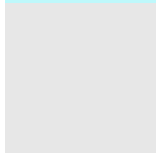


**Tritanomaly**  
13366526

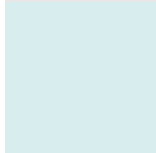
# Monochromacy



**Original Color**  
12515579



**Achromatopsia**  
15198183



**Achromatomaly**  
14216686

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12515579 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 #BEF8FB looks like.

```
.text, #text, p{  
    color:#BEF8FB  
}
```

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 #BEF8FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF8FB
}
```

## Border

The CSS property to change the border of an element to Decimal 12515579 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
#BEF8FB }
```

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

```
.border{ border-color:#BEF8FB }
```

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

Here you see how a box with a 4 pixel #BEF8FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF8FB; -webkit-box-shadow:4px 4px  
4px 4px #BEF8FB; box-shadow:4px 4px 4px  
4px #BEF8FB }
```

# Background

The CSS property to change the background color of an element to Decimal 12515579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF8FB }
```

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

```
.background{ background-color:#BEF8FB }
```

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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