

# Converting Colors

Decimal(12118015)

Have a look what the booklet for  
Decimal(12118015) contains.

<b>Decimal(12118015)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12118015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8E7FF
RGB	184, 231, 255
RGB Percent	72%, 91%, 100%
CMY	0.2784, 0.0941, 0.0000
CMYK	0.28, 0.09, 0.00, 0.00
HSL	200°, 100%, 86%
HSV	200°, 28%, 100%
XYZ	66.3931, 74.5622, 105.5004
YIQ	219.6830, -35.7160, -2.5000

# Conversions

## Conversions Part 2

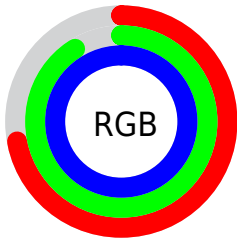
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 212, 255
Decimal	12118015
CIELab	89.19, -9.75, -16.55
CIElCh	89, 19.210, 239.486
Yxy	74.5622, 0.2694, 0.3025
Android (android.graphics.Color)	4290308095 (0xFFB8E7FF)
YUV	219.6830, 17.4113, -31.2940
Hunter-Lab	86.3494, -13.8648, -11.9951

# Details

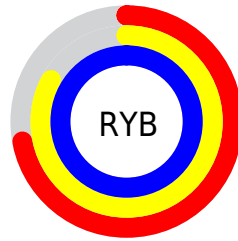
The Decimal color **12118015** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16765112**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **15859711**, and **8499142** is the 20% darker color. If you saturate the color by 10%, you get **10477311**, and if you desaturate by 10%, it is **13824255**.

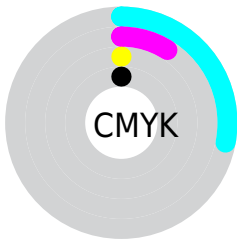
# Distribution



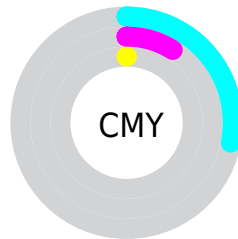
- Red (72%)
- Green (91%)
- Blue (100%)



- Red (72%)
- Yellow (83%)
- Blue (100%)



- Cyan (28%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (9%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 12118015 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 12118015 by changing the saturation by 10% instead.



 12118015

 12118015

16777215

 10275810

 15859711

 8499142

 6788523

 5077904

 3302007

 1460830

 13382

 7984

 283

■ 12118015

■ 12118015

■ 10477311

■ 13824255

■ 8771327

■ 15464703

■ 7065087

16777215

■ 5424639

■ 3783935

■ 2077695

■ 437247

■ 43519

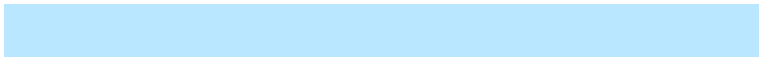
# Harmonies

## Analogous

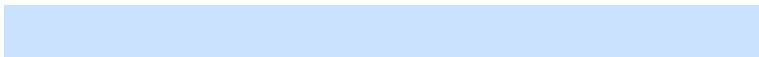
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11594481



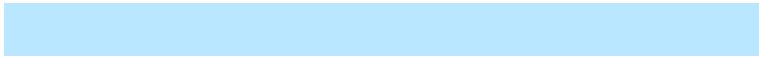
12118015



13361919

# Triad

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



12118015



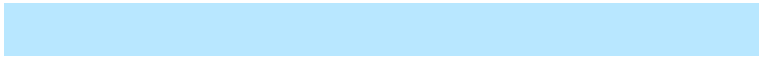
16765921



14410944

# Complementary

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



12118015



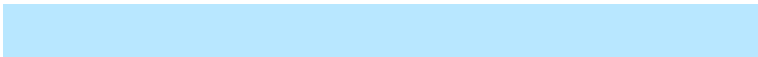
16765112

# 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.



15720380



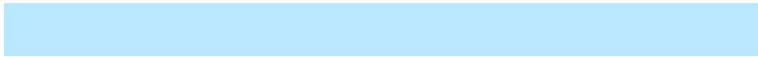
12118015



16766159

# Square

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



12118015



16307955



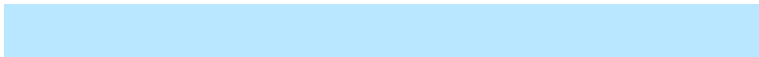
16767425



13035981

# Rectangle

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



12118015



14409471



16767425

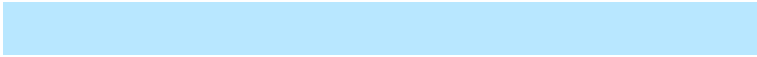


14869437

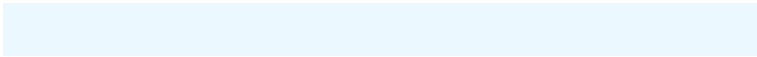


# Sweetspot

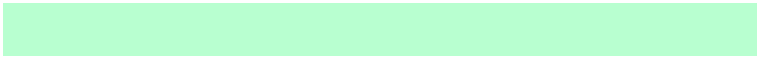
The Sweet Spot groups the original color and five complimentary colors.



12118015



15464703



12124112



7568256



0

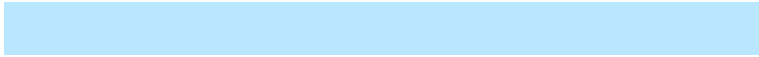


8421504

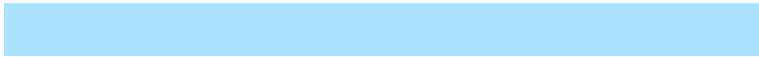


# Same Dimension

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



12118015



11265023



12109055



7568256



32703



10816



# Inverse Universe

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



16759015



16755683



16774072



8418171



12517503

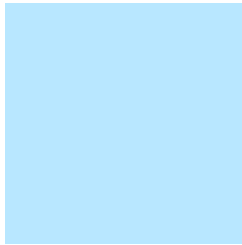


4194346



# Previews

## White Background



This preview shows how the Decimal color 12118015 looks on a white background.

## Color Contrast Check

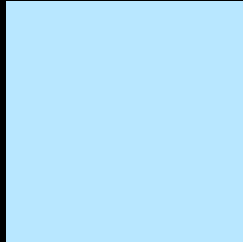
Large Text (above 18pt) WCAG AA × Fail

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 12118015 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

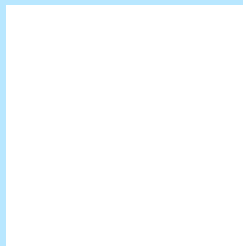
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12118015 Background



This preview shows how black text looks on a background with the Decimal color 12118015.




This preview shows how white text looks on a background with the Decimal color 12118015.

# 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**  
12052730

# Trichromacy



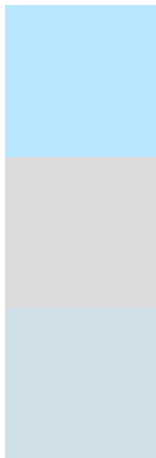
**Original Color**  
12118015

**Protanomaly**  
13623803

**Deuteranomaly**  
13950975

**Tritanomaly**  
12052732

# Monochromacy



**Original Color**  
12118015

**Achromatopsia**  
14474460

**Achromatomaly**  
13623529

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12118015 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 #B8E7FF looks like.

```
.text, #text, p{  
    color:#B8E7FF  
}
```

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 #B8E7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8E7FF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 12118015 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 #B8E7FF }  
}
```

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

```
.border{ border-color:#B8E7FF }
```

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

Here you see how a box with a 4 pixel #B8E7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8E7FF; -webkit-box-shadow:4px 4px  
4px 4px #B8E7FF; box-shadow:4px 4px 4px  
4px #B8E7FF }
```

# Background

The CSS property to change the background color of an element to Decimal 12118015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8E7FF }
```

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

```
.background{ background-color:#B8E7FF }
```

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