

# Converting Colors

Decimal(12306938)

Have a look what the booklet for  
Decimal(12306938) contains.

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# **Color**

**Decimal(12306938)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC9FA
RGB	187, 201, 250
RGB Percent	73%, 79%, 98%
CMY	0.2667, 0.2118, 0.0196
CMYK	0.25, 0.20, 0.00, 0.02
HSL	227°, 86%, 86%
HSV	227°, 25%, 98%
XYZ	58.6355, 59.2402, 98.7866
YIQ	202.4000, -24.0730, 12.2710

# Conversions

## Conversions Part 2

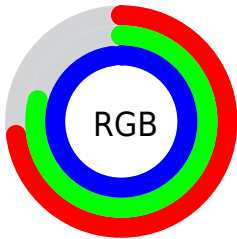
Format	Color
R <sub>Y</sub> B	187, 198, 250
Decimal	12306938
CIE Lab	81.42, 5.71, -25.65
CIE LCh	81, 26.274, 282.559
Yxy	59.2402, 0.2706, 0.2734
Android (android.graphics.Color)	4290497018 (0xFFBBC9FA)
YUV	202.4000, 23.4668, -13.5058
Hunter-Lab	76.9677, 1.2914, -22.2202

# Details

The Decimal color **12306938** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16444603**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16056319**, and **8754113** is the 20% darker color. If you saturate the color by 10%, you get **10663674**, and if you desaturate by 10%, it is **13950202**.

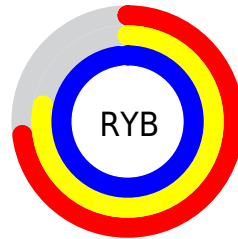
# Distribution



Red (73%)

Green (79%)

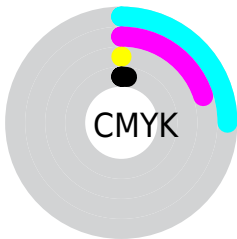
Blue (98%)



Red (73%)

Yellow (78%)

Blue (98%)

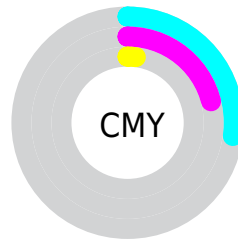


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (21%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12306938 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 12306938 by changing the saturation by 10% instead.



■ 12306938

16777215

■ 16056319

■ 12306938

■ 10464989

■ 8754113

■ 6977958

■ 5333388

■ 3688818

■ 2044761

■ 73282

■ 1068

■ 278

■ 12306938

■ 12306938

■ 10663674

■ 13950202

■ 9020154

■ 15593722

■ 7376890

■ 16777210

■ 5733370

■ 4090106

■ 2446586

■ 803322

■ 14586

# Harmonies

## Analogous

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



10146297



12306938



14402031

# Triad

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



12306938



16366762



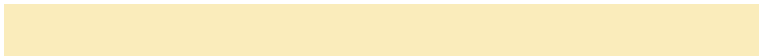
10213307

# Complementary

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



12306938



16444603

# 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.



11981734



12306938



15385756

# Square

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



12306938



16628161



13814938



8902868

# Rectangle

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



12306938



15514849



13814938



10802867



# Sweetspot

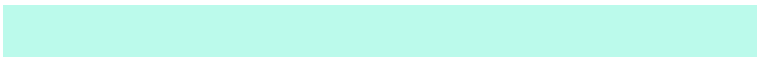
The Sweet Spot groups the original color and five complimentary colors.



12306938



15462399



12319467



7566976



0



8421504



# Same Dimension

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



12306938



11781375



13417466



7369597



10941



3645



# Inverse Universe

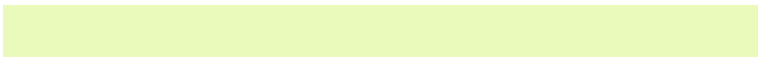
The Inverse Universe completely reimagines the original color for something new.



16432073



16757700



15334075



8220787



12386346

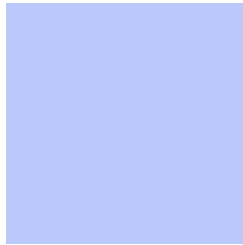


3997710



# Previews

## White Background



This preview shows how the Decimal color 12306938 looks on a white background.

## Color Contrast Check

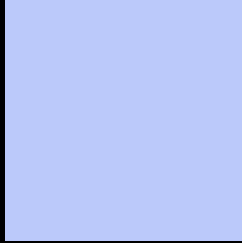
Large Text (above 18pt) WCAG AA × Fail

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 12306938 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

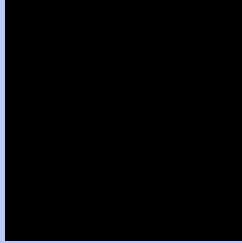
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12306938 Background



This preview shows how black text looks on a background with the Decimal color 12306938.



This preview shows how white text looks on a background with the Decimal color 12306938.

# 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



**Original Color**  
12306938

**Protanopia**  
12568825

**Deuteranopia**  
12961531



**Tritanopia**  
11914974

# Trichromacy



**Original Color**  
12306938

**Protanomaly**  
12503289

**Deuteranomaly**  
12699643

**Tritanomaly**  
12045544

# Monochromacy



**Original Color**  
12306938

**Achromatopsia**  
13290186

**Achromatomaly**  
12962523

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12306938 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 #BBC9FA looks like.

```
.text, #text, p{  
    color:#BBC9FA  
}
```

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 #BBC9FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC9FA
}
```

## Border

The CSS property to change the border of an element to Decimal 12306938 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
#BBC9FA }
```

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

```
.border{ border-color:#BBC9FA }
```

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

Here you see how a box with a 4 pixel #BBC9FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC9FA; -webkit-box-shadow:4px 4px  
4px 4px #BBC9FA; box-shadow:4px 4px 4px  
4px #BBC9FA }
```

# Background

The CSS property to change the background color of an element to Decimal 12306938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC9FA }
```

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

```
.background{ background-color:#BBC9FA }
```

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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