

# Converting Colors

Decimal(11713513)

Have a look what the booklet for  
Decimal(11713513) contains.

<b>Decimal(11713513)</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(11713513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2BBE9
RGB	178, 187, 233
RGB Percent	70%, 73%, 91%
CMY	0.3020, 0.2667, 0.0863
CMYK	0.24, 0.20, 0.00, 0.09
HSL	230°, 56%, 81%
HSV	230°, 24%, 91%
XYZ	50.8384, 50.8888, 84.2338
YIQ	189.5530, -20.1300, 12.3980

# Conversions

## Conversions Part 2

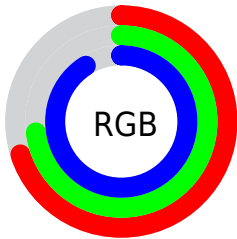
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 186, 233
Decimal	11713513
CIE <sub>Lab</sub>	76.61, 6.68, -23.92
CIE <sub>LCh</sub>	77, 24.840, 285.607
Yxy	50.8888, 0.2734, 0.2737
Android (android.graphics.Color)	4289903593 (0xFFB2BBE9)
YUV	189.5530, 21.4194, -10.1320
Hunter-Lab	71.3364, 2.3706, -20.0740

# Details

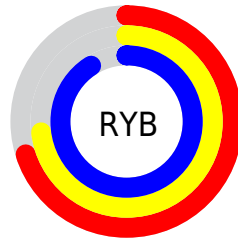
The Decimal color **11713513** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15327410**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **15397887**, and **8160945** is the 20% darker color. If you saturate the color by 10%, you get **10201321**, and if you desaturate by 10%, it is **13225705**.

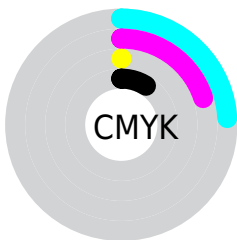
# Distribution



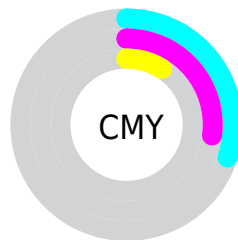
- Red (70%)
- Green (73%)
- Blue (91%)



- Red (70%)
- Yellow (73%)
- Blue (91%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (27%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11713513 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 11713513 by changing the saturation by 10% instead.



■ 11713513

■ 11713513

16777215

■ 9937101

■ 15397887

■ 8160945

■ 6516118

■ 4871548

■ 3226979

■ 1648715

■ 5172

■ 543

■ 2

■ 11713513

■ 11713513

■ 10201321

■ 13225705

■ 8623337

■ 14803689

■ 7111145

■ 16315881

■ 5598697

■ 16777193

■ 4086505

■ 2508521

■ 996329

■ 9961

# Harmonies

## Analogous

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



9683689



11713513



13611997

# Triad

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



11713513



15249821



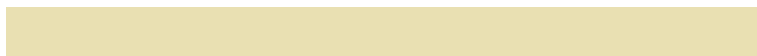
9423281

# Complementary

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



11713513



15327410

# 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.



11060892



11713513



14203025

# Square

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



11713513



15510962



12763025



8309449

# Rectangle

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



11713513



14594000



12763025



9881769



# Sweetspot

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



11713513



15593727



11725280



7698304



0



8421504



# Same Dimension

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



11713513



12108799



12890857



6974325



7861



2358



# Inverse Universe

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



15315643



16758979



14150066



7694955



11862046

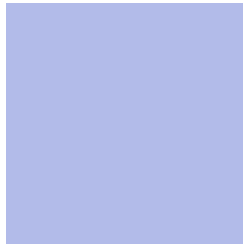


3538953



# Previews

## White Background



This preview shows how the Decimal color 11713513 looks on a white background.

## Color Contrast Check

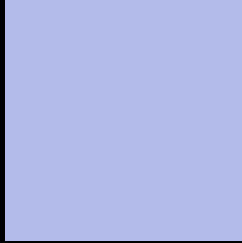
Large Text (above 18pt) WCAG AA × Fail

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 11713513 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

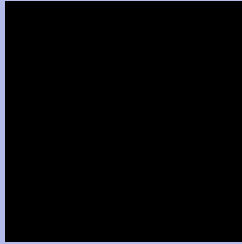
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11713513 Background



This preview shows how black text looks on a background with the Decimal color 11713513.



This preview shows how white text looks on a background with the Decimal color 11713513.

# 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**  
11713513

**Protanopia**  
11713513

**Deuteranopia**  
12171753



**Tritanopia**  
11387087

# Trichromacy



**Original Color**  
11713513

**Protanomaly**  
11713513

**Deuteranomaly**  
11975401

**Tritanomaly**  
11517656

# Monochromacy



**Original Color**  
11713513

**Achromatopsia**  
12500670

**Achromatomaly**  
12238286

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11713513 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 #B2BBE9 looks like.

```
.text, #text, p{  
    color:#B2BBE9  
}
```

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 #B2BBE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2BBE9
}
```

## Border

The CSS property to change the border of an element to Decimal 11713513 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
#B2BBE9 }
```

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

```
.border{ border-color:#B2BBE9 }
```

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

Here you see how a box with a 4 pixel #B2BBE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2BBE9; -webkit-box-shadow:4px 4px  
4px 4px #B2BBE9; box-shadow:4px 4px 4px  
4px #B2BBE9 }
```

# Background

The CSS property to change the background color of an element to Decimal 11713513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2BBE9 }
```

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

```
.background{ background-color:#B2BBE9 }
```

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