

# Converting Colors

Decimal(11253242)

Have a look what the booklet for  
Decimal(11253242) contains.

<b>Decimal(11253242)</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(11253242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABB5FA
RGB	171, 181, 250
RGB Percent	67%, 71%, 98%
CMY	0.3294, 0.2902, 0.0196
CMYK	0.32, 0.28, 0.00, 0.02
HSL	232°, 89%, 83%
HSV	232°, 32%, 98%
XYZ	50.5738, 48.6078, 97.1592
YIQ	185.8760, -28.1090, 19.3390

# Conversions

## Conversions Part 2

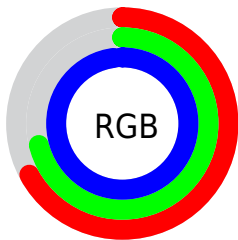
Format	Color
<a href="#">RYB</a>	<a href="#">171, 180, 250</a>
Decimal	<a href="#">11253242</a>
CIELab	<a href="#">75.21, 12.03, -35.29</a>
CIElCh	<a href="#">75, 37.290, 288.826</a>
Yxy	<a href="#">48.6078, 0.2576, 0.2476</a>
Android (android.graphics.Color)	<a href="#">4289443322 (0xFFABB5FA)</a>
YUV	<a href="#">185.8760, 31.6131, -13.0463</a>
Hunter-Lab	<a href="#">69.7193, 7.4736, -33.8217</a>

# Details

The Decimal color **11253242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16445611**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **15003135**, and **7635137** is the 20% darker color. If you saturate the color by 10%, you get **9609210**, and if you desaturate by 10%, it is **12897274**.

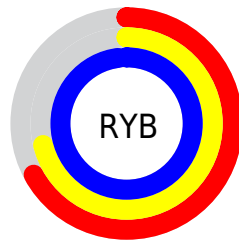
# Distribution



Red (67%)

Green (71%)

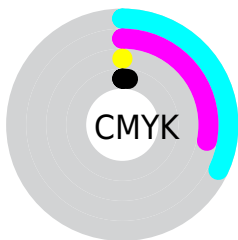
Blue (98%)



Red (67%)

Yellow (71%)

Blue (98%)

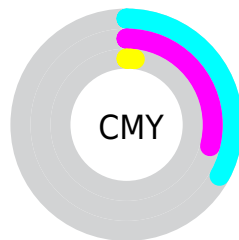


Cyan (32%)

Magenta (28%)

Yellow (0%)

Black (2%)



Cyan (33%)

Magenta (29%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11253242 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 11253242 by changing the saturation by 10% instead.



■ 11253242

16777215

■ 15003135

■ 11253242

■ 9411293

■ 7635137

■ 5924774

■ 4149131

■ 2374002

■ 9305

■ 3905

■ 810

■ 276

■ 11253242

■ 11253242

■ 9609210

■ 12897274

■ 7965178

■ 14541306

■ 6321146

■ 16185338

■ 4677370

■ 16777210

■ 3033338

■ 1389306

■ 8442

# Harmonies

## Analogous

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



7651580



11253242



14199271

# Triad

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



11253242



16033671



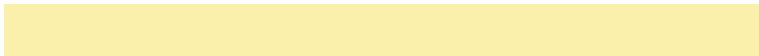
6933419

# Complementary

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



11253242



16445611

# 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.



9684619



11253242



14463862

# Square

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



11253242



16621733



12238455



4312270

# Rectangle

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



11253242



15573715



12238455



7850655



# Sweetspot

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



11253242



15264767



11270895



7435136



0



8421504



# Same Dimension

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



11253242



10398463



13151226



7369341



6333



2109



# Inverse Universe

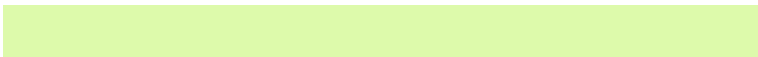
The Inverse Universe completely reimagines the original color for something new.



16427957



16752298



14547627



8220786



12386328

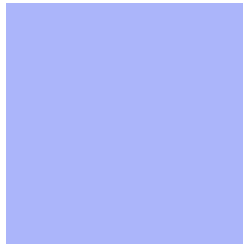


3997704



# Previews

## White Background



This preview shows how the Decimal color 11253242 looks on a white background.

## Color Contrast Check

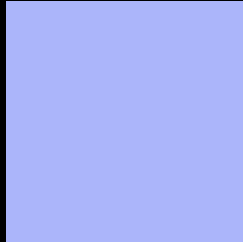
Large Text (above 18pt) WCAG AA × Fail

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 11253242 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

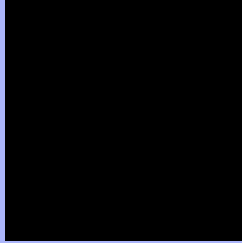
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11253242 Background



This preview shows how black text looks on a background with the Decimal color 11253242.



This preview shows how white text looks on a background with the Decimal color 11253242.

# 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**

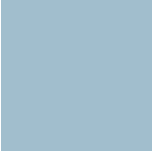
11253242

**Protanopia**

10860539

**Deuteranopia**

10991354



**Tritanopia**  
10600141

# Trichromacy



**Original Color**  
11253242

**Protanomaly**  
10991355

**Deuteranomaly**  
11056890

**Tritanomaly**  
10861533

# Monochromacy



**Original Color**  
11253242

**Achromatopsia**  
12237498

**Achromatomaly**  
11909329

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11253242 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 #ABB5FA looks like.

```
.text, #text, p{  
  color:#ABB5FA  
}
```

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 #ABB5FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABB5FA
}
```

## Border

The CSS property to change the border of an element to Decimal 11253242 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
#ABB5FA }
```

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

```
.border{ border-color:#ABB5FA }
```

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

Here you see how a box with a 4 pixel #ABB5FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABB5FA; -webkit-box-shadow:4px 4px  
4px 4px #ABB5FA; box-shadow:4px 4px 4px  
4px #ABB5FA }
```

# Background

The CSS property to change the background color of an element to Decimal 11253242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABB5FA }
```

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

```
.background{ background-color:#ABB5FA }
```

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