

# Converting Colors

Decimal(12503803)

Have a look what the booklet for  
Decimal(12503803) contains.

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# **Color**

**Decimal(12503803)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BECAFB
RGB	190, 202, 251
RGB Percent	75%, 79%, 98%
CMY	0.2549, 0.2078, 0.0157
CMYK	0.24, 0.20, 0.00, 0.02
HSL	228°, 88%, 86%
HSV	228°, 24%, 98%
XYZ	59.7683, 60.1532, 99.7274
YIQ	203.9980, -22.8810, 12.6950

# Conversions

## Conversions Part 2

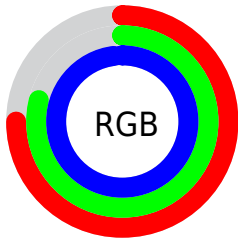
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 200, 251
Decimal	12503803
CIE <sub>Lab</sub>	81.92, 6.29, -25.40
CIE <sub>LCh</sub>	82, 26.167, 283.910
Yxy	60.1532, 0.2721, 0.2739
Android (android.graphics.Color)	4290693883 (0xFFBECAFB)
YUV	203.9980, 23.1720, -12.2762
Hunter-Lab	77.5585, 1.8287, -21.9461

# Details

The Decimal color **12503803** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16510910**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16252927**, and **8950978** is the 20% darker color. If you saturate the color by 10%, you get **10860283**, and if you desaturate by 10%, it is **14147323**.

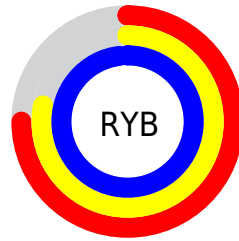
# Distribution



Red (75%)

Green (79%)

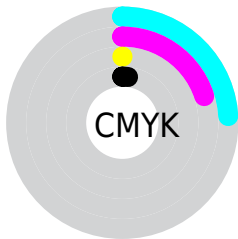
Blue (98%)



Red (75%)

Yellow (78%)

Blue (98%)

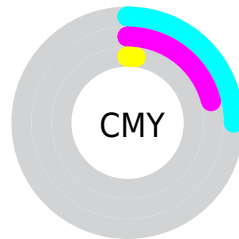


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (21%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12503803 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 12503803 by changing the saturation by 10% instead.



■ 12503803

■ 12503803

16777215

■ 10661854

■ 16252927

■ 8950978

■ 7174823

■ 5530253

■ 3885683

■ 2241626

■ 335682

■ 1324

■ 279

■ 12503803

■ 12503803

■ 10860283

■ 14147323

■ 9216763

■ 15790843

■ 7573243

■ 16777211

■ 5929467

■ 4285947

■ 2576891

■ 933371

■ 12795

# Harmonies

## Analogous

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



10343162



12503803



14598895

# Triad

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



12503803



16432811



10213821

# Complementary

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



12503803



16510910

# 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.



11982248



12503803



15386269

# Square

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



12503803



16693953



13815452



9034455

# Rectangle

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



12503803



15646178



13815452



10803381



# Sweetspot

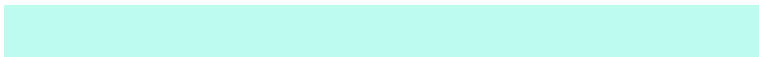
The Sweet Spot groups the original color and five complimentary colors.



12503803



15593983



12516335



7698304



0



8421504



# Same Dimension

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



12503803



11912447



13680379



7369597



9661



3133



# Inverse Universe

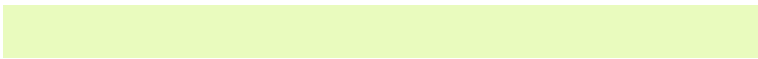
The Inverse Universe completely reimagines the original color for something new.



16498378



16758212



15334334



8220787



12386341

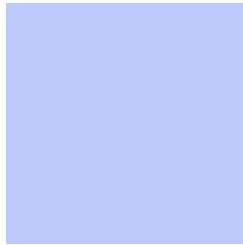


3997708



# Previews

## White Background



This preview shows how the Decimal color 12503803 looks on a white background.

## Color Contrast Check

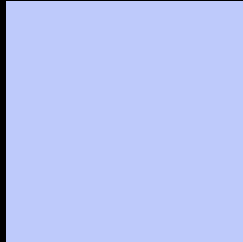
Large Text (above 18pt) WCAG AA × Fail

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 12503803 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

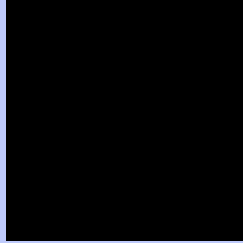
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12503803 Background



This preview shows how black text looks on a background with the Decimal color 12503803.



This preview shows how white text looks on a background with the Decimal color 12503803.

# 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



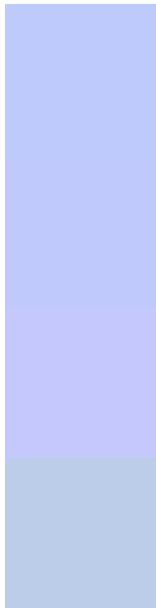
**Original Color**  
12503803

**Protanopia**  
12634619

**Deuteranopia**  
13092860



# Trichromacy



**Original Color**  
12503803

**Protanomaly**  
12569083

**Deuteranomaly**  
12896508

**Tritanomaly**  
12307945

# Monochromacy



**Original Color**  
12503803

**Achromatopsia**  
13421772

**Achromatomaly**  
13093853

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12503803 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 #BECAFB looks like.

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

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 #BECAFB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 12503803 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
#BECAFB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 12503803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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