

# Converting Colors

Decimal(12043509)

Have a look what the booklet for  
Decimal(12043509) contains.

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# **Color**

**Decimal(12043509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C4F5
RGB	183, 196, 245
RGB Percent	72%, 77%, 96%
CMY	0.2824, 0.2314, 0.0392
CMYK	0.25, 0.20, 0.00, 0.04
HSL	227°, 76%, 84%
HSV	227°, 25%, 96%
XYZ	55.7498, 56.1397, 94.2839
YIQ	197.6990, -23.4770, 12.4830

# Conversions

## Conversions Part 2

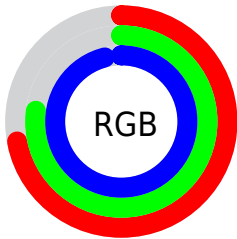
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	183, 194, 245
Decimal	12043509
CIE Lab	79.69, 6.07, -25.64
CIE LCh	80, 26.349, 283.319
Yxy	56.1397, 0.2704, 0.2723
Android (android.graphics.Color)	4290233589 (0xFFB7C4F5)
YUV	197.6990, 23.3194, -12.8910
Hunter-Lab	74.9264, 1.6935, -22.1593

# Details

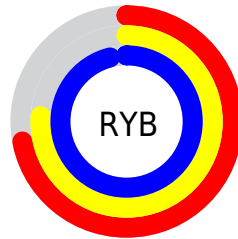
The Decimal color **12043509** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16115895**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **15793663**, and **8490685** is the 20% darker color. If you saturate the color by 10%, you get **10465781**, and if you desaturate by 10%, it is **13686773**.

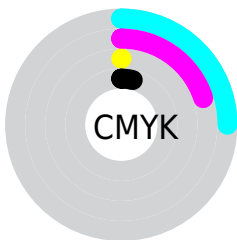
# Distribution



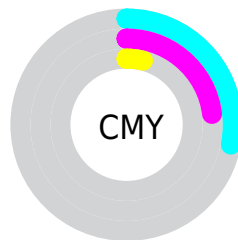
- Red (72%)
- Green (77%)
- Blue (96%)



- Red (72%)
- Yellow (76%)
- Blue (96%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (23%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12043509 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 12043509 by changing the saturation by 10% instead.



■ 12043509

16777215

■ 15793663

■ 12043509

■ 10267096

■ 8490685

■ 6780321

■ 5069959

■ 3491182

■ 1781589

■ 6718

■ 40

■ 273

■ 12043509

■ 12043509

■ 10465781

■ 13686773

■ 8822261

■ 15264757

■ 7244533

■ 16776949

■ 5601269

■ 16777205

■ 3957749

■ 2380021

■ 802037

■ 13301

# Harmonies

## Analogous

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



9882868



12043509



14138601

# Triad

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



12043509



16038053



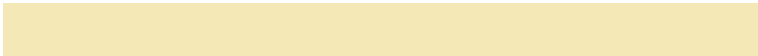
9884343

# Complementary

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



12043509



16115895

# 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.



11652769



12043509



14991255

# Square

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



12043509



16299195



13485974



8574160

# Rectangle

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



12043509



15251420



13485974



10408367



# Sweetspot

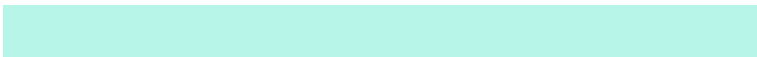
The Sweet Spot groups the original color and five complimentary colors.



12043509



15462399



12056040



7566720



0



8421504



# Same Dimension

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



12043509



11781119



13219829



7238010



10170



3131



# Inverse Universe

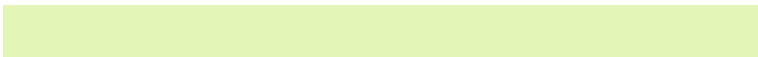
The Inverse Universe completely reimagines the original color for something new.



16103364



16757699



14939575



8023665



12189735



3866636



# Previews

## White Background



This preview shows how the Decimal color 12043509 looks on a white background.

## Color Contrast Check

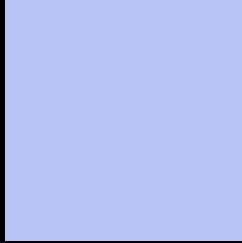
Large Text (above 18pt) WCAG AA × Fail

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 12043509 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

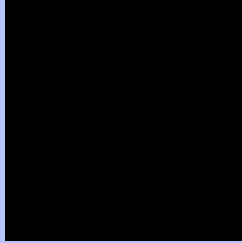
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12043509 Background



This preview shows how black text looks on a background with the Decimal color 12043509.



This preview shows how white text looks on a background with the Decimal color 12043509.

# 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](#).

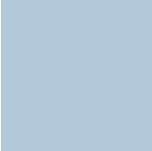
## Dichromacy



**Original Color**  
12043509

**Protanopia**  
12239861

**Deuteranopia**  
12632566



**Tritanopia**  
11651545

# Trichromacy



**Original Color**  
12043509

**Protanomaly**  
12174325

**Deuteranomaly**  
12436214

**Tritanomaly**  
11782115

# Monochromacy



**Original Color**  
12043509

**Achromatopsia**  
13027014

**Achromatomaly**  
12699095

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12043509 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 #B7C4F5 looks like.

```
.text, #text, p{  
    color:#B7C4F5  
}
```

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 #B7C4F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C4F5
}
```

## Border

The CSS property to change the border of an element to Decimal 12043509 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
#B7C4F5 }
```

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

```
.border{ border-color:#B7C4F5 }
```

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

Here you see how a box with a 4 pixel #B7C4F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C4F5; -webkit-box-shadow:4px 4px  
4px 4px #B7C4F5; box-shadow:4px 4px 4px  
4px #B7C4F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12043509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C4F5 }
```

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

```
.background{ background-color:#B7C4F5 }
```

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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