

Converting Colors

Decimal(2509001)

Have a look what the booklet for
Decimal(2509001) contains.

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Color

Decimal(2509001)

Conversions

Conversions Part 1

Format	Color
Hex	2648C9
RGB	38, 72, 201
RGB Percent	15%, 28%, 79%
CMY	0.8510, 0.7176, 0.2118
CMYK	0.81, 0.64, 0.00, 0.21
HSL	227°, 68%, 47%
HSV	227°, 81%, 79%
XYZ	13.6593, 9.2638, 56.3265
YIQ	76.5400, -61.6730, 32.9110

Conversions

Conversions Part 2

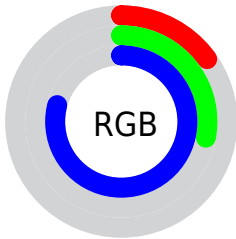
Format	Color
R_{YB}	38, 66, 201
Decimal	2509001
CIE Lab	36.49, 35.66, -70.06
CIE LCh	36, 78.610, 296.977
Yxy	9.2638, 0.1724, 0.1169
Android (android.graphics.Color)	4280699081 (0xFF2648C9)
YUV	76.5400, 61.3588, -33.7996
Hunter-Lab	30.4366, 26.8432, -88.4177

Details

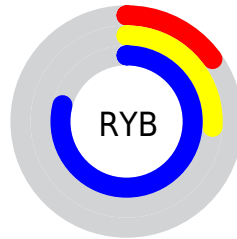
The Decimal color **2509001** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **13215526**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **7371007**, and **7570** is the 20% darker color. If you saturate the color by 10%, you get **1194185**, and if you desaturate by 10%, it is **3823817**.

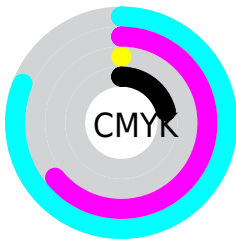
Distribution



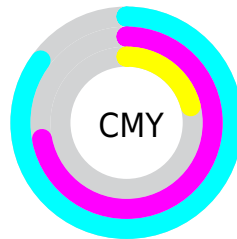
- Red (15%)
- Green (28%)
- Blue (79%)



- Red (15%)
- Yellow (26%)
- Blue (79%)



- Cyan (81%)
- Magenta (64%)
- Yellow (0%)
- Black (21%)



- Cyan (85%)
- Magenta (72%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2509001 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 2509001 by changing the saturation by 10% instead.

■ 2509001

■ 2509001

16777215

■ 12973

■ 7371007

■ 7570

■ 9409279

■ 3191

■ 11382271

■ 94

■ 13420799

■ 2117

■ 15394047

■ 814

■ 280

■ 0

■ 2509001

■ 2509001

■ 1194185

■ 3823817

■ 10953

■ 5138633

■ 6453449

■ 7768265

■ 9148617

■ 10463177

■ 11777993

■ 13092809

■ 14407625

Harmonies

Analogous

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



25047



2509001



9898908

Triad

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



2509001



10301696



27981

Complementary

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



2509001



13215526

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.



27136



2509001



7295488

Square

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



2509001



12124194



3105280



28302

Rectangle

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



2509001



11796596



3105280



27703

Sweetspot

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



2509001



12767231



2541990



5988992



0



8421504

Same Dimension

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



2509001



539647



5514953



5921891



8867



1828

Inverse Universe

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



13182536



16713787



10209574



6511196



10682402



2359303

Previews

White Background



This preview shows how the Decimal color 2509001 looks on a white background.

Color Contrast Check

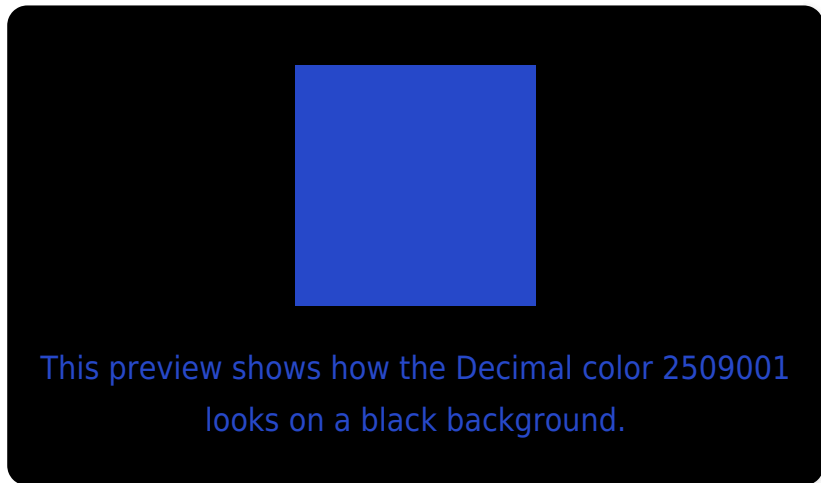
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

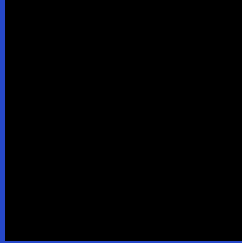
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 2509001 Background



This preview shows how black text looks on a background with the Decimal color 2509001.



This preview shows how white text looks on a background with the Decimal color 2509001.

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



Trichromacy



Original Color
2509001

Protanomaly
937656

Deuteranomaly
938664

Tritanomaly
939913

Monochromacy



Original Color
2509001

Achromatopsia
5066061

Achromatomaly
4148090

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2509001 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 #2648C9 looks like.

```
.text, #text, p{  
    color:#2648C9  
}
```

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 #2648C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2648C9
}
```

Border

The CSS property to change the border of an element to Decimal 2509001 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
#2648C9 }
```

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

```
.border{ border-color:#2648C9 }
```

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

Here you see how a box with a 4 pixel #2648C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2648C9; -webkit-box-shadow:4px 4px  
4px 4px #2648C9; box-shadow:4px 4px 4px  
4px #2648C9 }
```

Background

The CSS property to change the background color of an element to Decimal 2509001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2648C9 }
```

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

```
.background{ background-color:#2648C9 }
```

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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