

Converting Colors

Decimal(1381309)

Have a look what the booklet for
Decimal(1381309) contains.

Decimal(1381309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1381309)

Conversions

Conversions Part 1

Format	Color
Hex	1513BD
RGB	21, 19, 189
RGB Percent	8%, 7%, 74%
CMY	0.9176, 0.9255, 0.2588
CMYK	0.89, 0.90, 0.00, 0.26
HSL	241°, 82%, 41%
HSV	241°, 90%, 74%
XYZ	9.7274, 4.2993, 48.4613
YIQ	38.9780, -53.3780, 53.2940

Conversions

Conversions Part 2

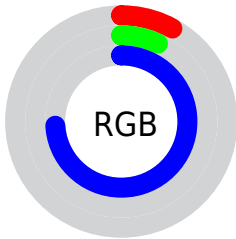
Format	Color
RYB	21, 19, 189
Decimal	1381309
CIELab	24.64, 58.72, -82.64
CIELCh	25, 101.374, 305.396
Yxy	4.2993, 0.1557, 0.0688
Android (android.graphics.Color)	4279571389 (0xFF1513BD)
YUV	38.9780, 73.9608, -15.7667
Hunter-Lab	20.7347, 47.4552, -124.0583

Details

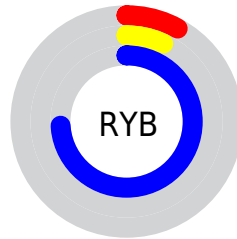
The Decimal color **1381309** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **12303635**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **6965239**, and **134** is the 20% darker color. If you saturate the color by 10%, you get **131261**, and if you desaturate by 10%, it is **2631357**.

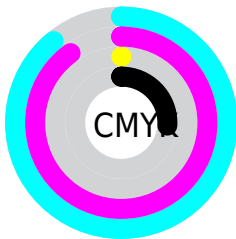
Distribution



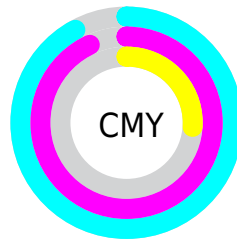
- Red (8%)
- Green (7%)
- Blue (74%)



- Red (8%)
- Yellow (7%)
- Blue (74%)



- Cyan (89%)
- Magenta (90%)
- Yellow (0%)
- Black (26%)























- Cyan (92%)
- Magenta (93%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1381309 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 1381309 by changing the saturation by 10% instead.

 1381309	 1381309
 16777215	 161
 6965239	 134
 9069055	 108
 11107327	 2898
 13145855	 1338
 15184383	 547
 16764415	 11
 16771839	 0
 1381309	 1381309

■ 131261

■ 2631357

■ 3815869

■ 5065917

■ 6315965

■ 7500477

■ 8750269

■ 10000317

■ 11184829

■ 12434877

Harmonies

Analogous

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



18396



1381309



9896060

Triad

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



1381309



7868416



20807

Complementary

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



1381309



12303635

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.



20224



1381309



3947776

Square

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



1381309



10551296



18944



21397

Rectangle

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



1381309



11403338



18944



20524

Sweetspot

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



1381309



11777013



1293757



5526394



16448250



8026746

Same Dimension

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



1381309



196853



6820797



5592414



131230



31

Inverse Universe

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



12391355



16056562



6864147



6182238



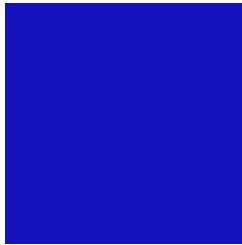
10354844



2031646

Previews

White Background



This preview shows how the Decimal color 1381309 looks on a white background.

Color Contrast Check

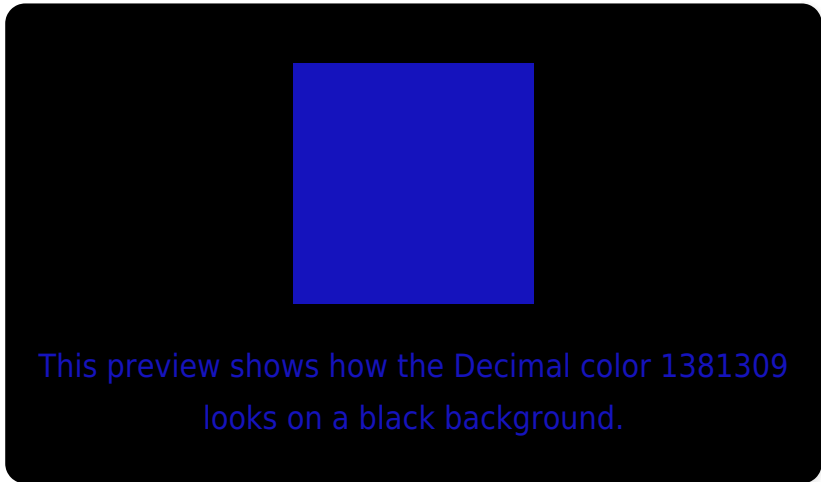
Large Text (above 18pt) WCAG AA ✓ Pass

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

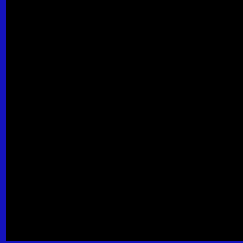
Any Text WCAG AA × Fail

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 1381309 Background



This preview shows how black text looks on a background with the Decimal color 1381309.



This preview shows how white text looks on a background with the Decimal color 1381309.

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





Tritanopia
16965

Trichromacy



Original Color
1381309

Protanomaly
535441

Deuteranomaly
536198

Tritanomaly
536945

Monochromacy



Original Color
1381309

Achromatopsia
2565927

Achromatomaly
2105438

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1381309 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 #1513BD looks like.

```
.text, #text, p{  
    color:#1513BD  
}
```

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 #1513BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1513BD
}
```

Border

The CSS property to change the border of an element to Decimal 1381309 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".

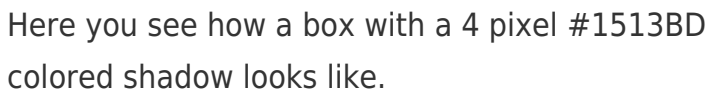
```
.border, #border, table{ border:4px solid
#1513BD }
```

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

```
.border{ border-color:#1513BD }
```

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

Here you see how a box with a 4 pixel #1513BD colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1513BD; -webkit-box-shadow:4px 4px  
4px 4px #1513BD; box-shadow:4px 4px 4px  
4px #1513BD }
```

Background

The CSS property to change the background color of an element to Decimal 1381309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1513BD }
```

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

```
.background{ background-color:#1513BD }
```

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