

Converting Colors

Decimal(21709)

Have a look what the booklet for
Decimal(21709) contains.

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Color

Decimal(21709)

Conversions

Conversions Part 1

Format	Color
Hex	0054CD
RGB	0, 84, 205
RGB Percent	0%, 33%, 80%
CMY	1.0000, 0.6706, 0.1961
CMYK	1.00, 0.59, 0.00, 0.20
HSL	215°, 100%, 40%
HSV	215°, 100%, 80%
XYZ	14.1898, 10.7484, 59.0844
YIQ	72.6780, -88.9050, 19.8230

Conversions

Conversions Part 2

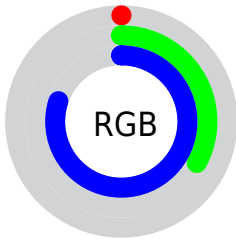
Format	Color
R _{YB}	0, 60, 205
Decimal	21709
CIE Lab	39.15, 27.52, -68.04
CIE LCh	39, 73.391, 292.019
Yxy	10.7484, 0.1689, 0.1279
Android (android.graphics.Color)	4278211789 (0xFF0054CD)
YUV	72.6780, 65.2347, -63.7386
Hunter-Lab	32.7848, 19.8842, -83.9024

Details

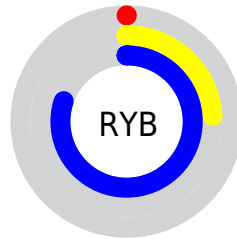
The Decimal color **21709** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **13465856**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **6587903**, and **10646** is the 20% darker color. If you saturate the color by 10%, you get **21709**, and if you desaturate by 10%, it is **1335501**.

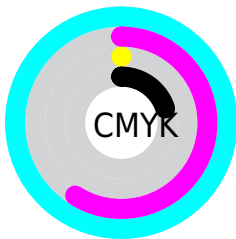
Distribution



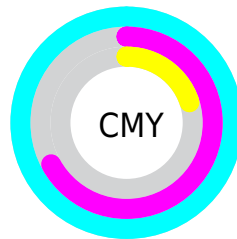
- Red (0%)
- Green (33%)
- Blue (80%)



- Red (0%)
- Yellow (24%)
- Blue (80%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



















- Cyan (100%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21709 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 21709 by changing the saturation by 10% instead.

 21709	 21709
 16777215	 15793
 6587903	 10646
 8691711	 6011
 10795775	 97
 12768767	 2120
 14807551	 1073
	 283
	 0

 21709

■ 1335501

■ 2714829

■ 4094157

■ 5407949

■ 6787533

■ 8101325

■ 9480653

■ 10794445

■ 12173773

Harmonies

Analogous

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



27093



21709



9514663

Triad

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



21709



11023616



29514

Complementary

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



21709



13465856

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.



28416



21709



8279040

Square

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



21709



12517428



4679168



29832

Rectangle

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



21709



11600003



4679168



29236

Sweetspot

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



21709



11784959



52600



5399680



0



8421504

Same Dimension

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



21709



26879



1114317



6053990



17574



4134

Inverse Universe

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



13434964



16711784



12373248



6708320



10879044



2490384

Previews

White Background



This preview shows how the Decimal color 21709 looks on a white background.

Color Contrast Check

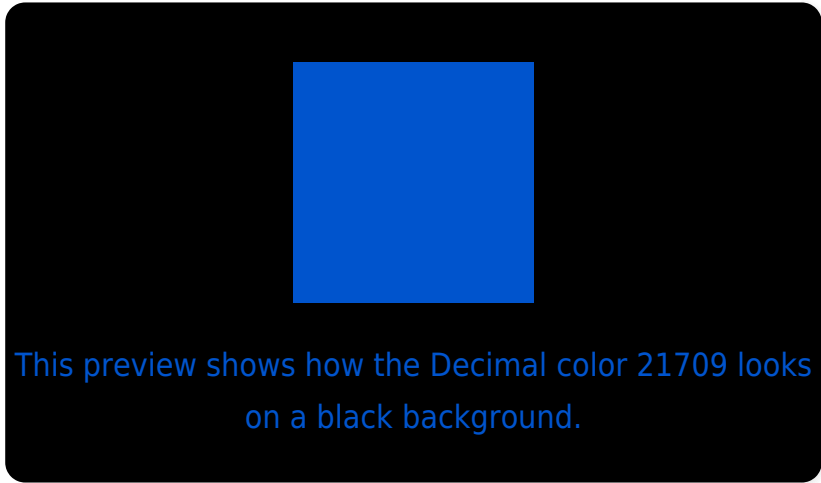
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

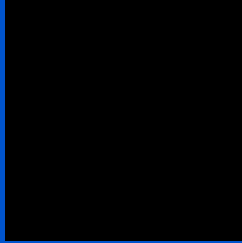
Any Text WCAG AA × Fail

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 21709 Background



This preview shows how black text looks on a background with the Decimal color 21709.

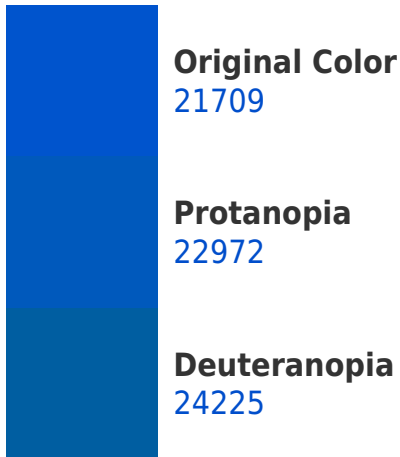


This preview shows how white text looks on a background with the Decimal color 21709.

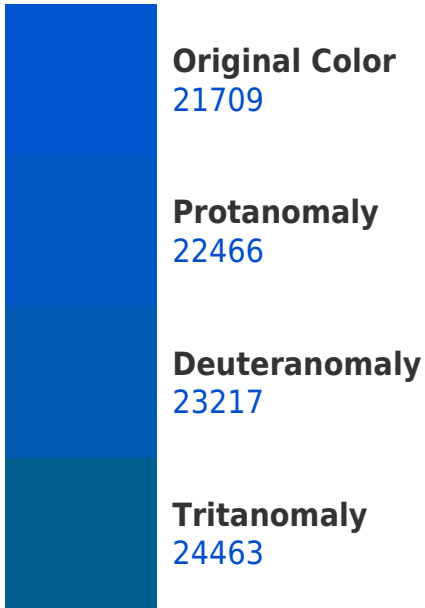
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 21709 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 #0054CD looks like.

```
.text, #text, p{  
    color:#0054CD  
}
```

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 #0054CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0054CD
}
```

Border

The CSS property to change the border of an element to Decimal 21709 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
#0054CD }
```

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

```
.border{ border-color:#0054CD }
```

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

Here you see how a box with a 4 pixel #0054CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0054CD; -webkit-box-shadow:4px 4px  
4px 4px #0054CD; box-shadow:4px 4px 4px  
4px #0054CD }
```

Background

The CSS property to change the background color of an element to Decimal 21709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0054CD }
```

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

```
.background{ background-color:#0054CD }
```

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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