

Converting Colors

Decimal(5209574)

Have a look what the booklet for
Decimal(5209574) contains.

Decimal(5209574)	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(5209574)

Conversions

Conversions Part 1

Format	Color
Hex	4F7DE6
RGB	79, 125, 230
RGB Percent	31%, 49%, 90%
CMY	0.6902, 0.5098, 0.0980
CMYK	0.66, 0.46, 0.00, 0.10
HSL	222°, 75%, 61%
HSV	222°, 66%, 90%
XYZ	24.8410, 22.0427, 77.8083
YIQ	123.2160, -61.1210, 22.9030

Conversions

Conversions Part 2

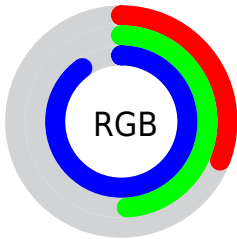
Format	Color
R _Y B	79, 114, 230
Decimal	5209574
CIE Lab	54.07, 17.64, -57.99
CIE LCh	54, 60.617, 286.921
Yxy	22.0427, 0.1992, 0.1768
Android (android.graphics.Color)	4283399654 (0xFF4F7DE6)
YUV	123.2160, 52.6445, -38.7774
Hunter-Lab	46.9496, 12.2823, -65.3950

Details

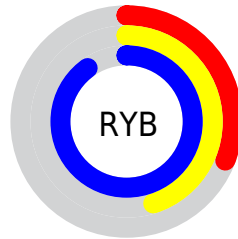
The Decimal color **5209574** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **15120463**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **9351679**, and **19886** is the 20% darker color. If you saturate the color by 10%, you get **3698150**, and if you desaturate by 10%, it is **6720998**.

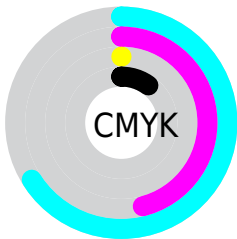
Distribution



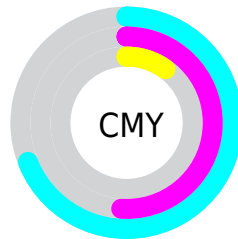
- Red (31%)
- Green (49%)
- Blue (90%)



- Red (31%)
- Yellow (45%)
- Blue (90%)



- Cyan (66%)
- Magenta (46%)
- Yellow (0%)
- Black (10%)



- Cyan (69%)
- Magenta (51%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5209574 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 5209574 by changing the saturation by 10% instead.

■ 5209574

■ 5209574

16777215

■ 2647242

■ 9351679

■ 19886

■ 11324671

■ 14227

■ 13297919

■ 9080

■ 15269887

■ 3935

■ 2118

■ 1071

■ 281

■ 0

■ 5209574

■ 5209574

■ 3698150

■ 6720998

■ 2186726

■ 8232422

■ 675302

■ 9743846

■ 18150

■ 11255270

■ 12766694

■ 14278118

■ 15789542

■ 16776678

■ 16777190

Harmonies

Analogous

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



36583



5209574



11101897

Triad

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



5209574



13656118



39016

Complementary

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



5209574



15120463

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.



4166452



5209574



11433735

Square

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



5209574



14634598



8357889



39582

Rectangle

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



5209574



13194923



8357889



38742

Sweetspot

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



5209574



13425919



5236406



6384256



0



8421504

Same Dimension

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



5209574



3568639



7032806



6777715



14003



4147

Inverse Universe

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



15093629



16725619



13297231



7563115



11730998



3342352

Previews

White Background



This preview shows how the Decimal color 5209574 looks on a white 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

Black Background



This preview shows how the Decimal color 5209574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

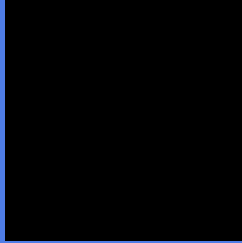
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

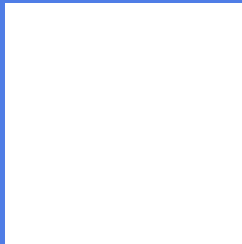
Any Text WCAG AAA × Fail

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

Decimal 5209574 Background



This preview shows how black text looks on a background with the Decimal color 5209574.

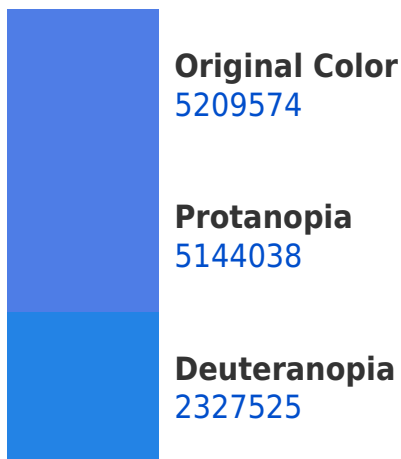


This preview shows how white text looks on a background with the Decimal color 5209574.

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](#).

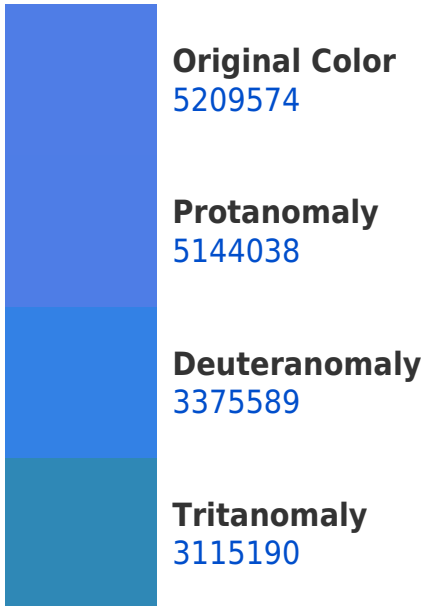
Dichromacy





Tritanopia
1871514

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5209574 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 #4F7DE6 looks like.

```
.text, #text, p{  
    color:#4F7DE6  
}
```

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 #4F7DE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7DE6
}
```

Border

The CSS property to change the border of an element to Decimal 5209574 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
#4F7DE6 }
```

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

```
.border{ border-color:#4F7DE6 }
```

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

Here you see how a box with a 4 pixel #4F7DE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7DE6; -webkit-box-shadow:4px 4px  
4px 4px #4F7DE6; box-shadow:4px 4px 4px  
4px #4F7DE6 }
```

Background

The CSS property to change the background color of an element to Decimal 5209574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7DE6 }
```

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

```
.background{ background-color:#4F7DE6 }
```

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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