

Converting Colors

Decimal(5201129)

Have a look what the booklet for
Decimal(5201129) contains.

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Color

Decimal(5201129)

Conversions

Conversions Part 1

Format	Color
Hex	4F5CE9
RGB	79, 92, 233
RGB Percent	31%, 36%, 91%
CMY	0.6902, 0.6392, 0.0863
CMYK	0.66, 0.61, 0.00, 0.09
HSL	235°, 78%, 61%
HSV	235°, 66%, 91%
XYZ	21.7596, 15.1997, 78.8778
YIQ	104.1870, -53.0090, 41.0950

Conversions

Conversions Part 2

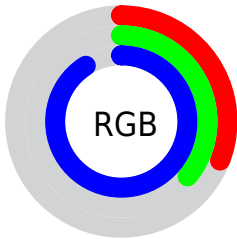
Format	Color
R_{YB}	79, 91, 233
Decimal	5201129
CIE _{Lab}	45.91, 39.03, -72.89
CIE _{LCh}	46, 82.681, 298.171
Yxy	15.1997, 0.1878, 0.1312
Android (android.graphics.Color)	4283391209 (0xFF4F5CE9)
YUV	104.1870, 63.5048, -22.0890
Hunter-Lab	38.9869, 31.3985, -92.6641

Details

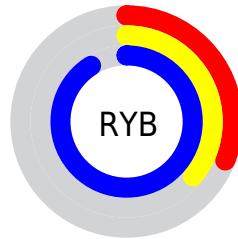
The Decimal color **5201129** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **15326287**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **9473791**, and **11952** is the 20% darker color. If you saturate the color by 10%, you get **3688425**, and if you desaturate by 10%, it is **6713833**.

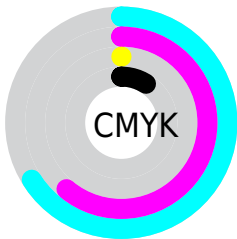
Distribution



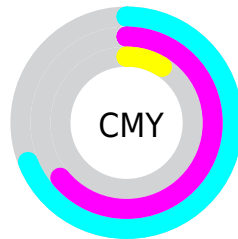
- Red (31%)
- Green (36%)
- Blue (91%)



- Red (31%)
- Yellow (36%)
- Blue (91%)



- Cyan (66%)
- Magenta (61%)
- Yellow (0%)
- Black (9%)



- Cyan (69%)
- Magenta (64%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5201129 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 5201129 by changing the saturation by 10% instead.

■ 5201129

■ 5201129

16777215

■ 2442444

■ 9473791

■ 11952

■ 11512319

■ 6805

■ 13485311

■ 2170

■ 15524095

■ 96

■ 16776703

■ 2119

■ 1072

■ 282

■ 0

■ 5201129

■ 5201129

■ 3688425

■ 6713833

■ 2109929

■ 8292329

■ 597225

■ 9805033

■ 5353

■ 11317737

■ 12830697

■ 14408937

■ 15921641

■ 16777193

Harmonies

Analogous

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



30970



5201129



12069303

Triad

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



5201129



12339200



34918

Complementary

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



5201129



15326287

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.



33815



5201129



9005312

Square

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



5201129



14352433



4422400



35245

Rectangle

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



5201129



14024843



4422400



34638

Sweetspot

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



5201129



13422847



5237210



6382464



0



8421504

Same Dimension

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



5201129



3557375



9261033



6974325



4021



1334

Inverse Universe

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



15290204



16725575



11266383



7694955



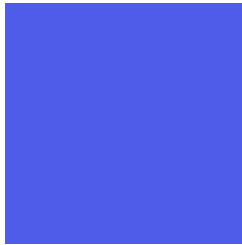
11862031



3538949

Previews

White Background



This preview shows how the Decimal color 5201129 looks on a white background.

Color Contrast Check

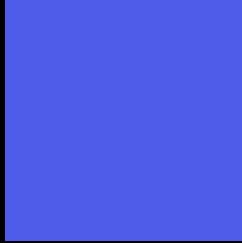
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5201129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

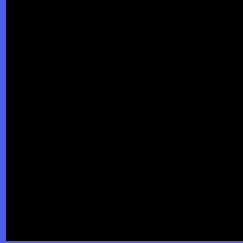
Any Text WCAG AA × Fail

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 5201129 Background



This preview shows how black text looks on a background with the Decimal color 5201129.

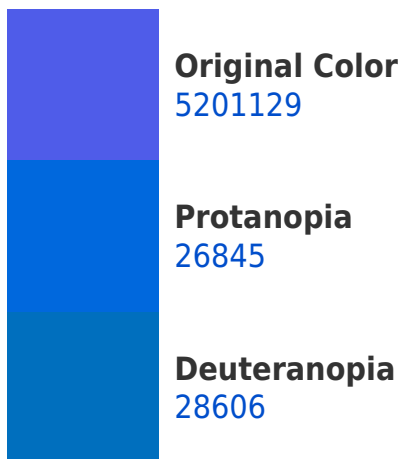


This preview shows how white text looks on a background with the Decimal color 5201129.

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](#).

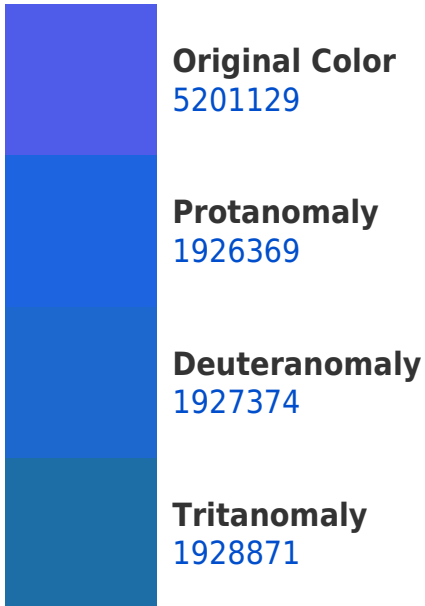
Dichromacy



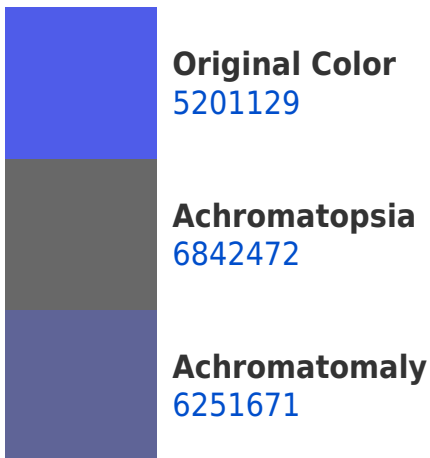


Tritanopia
30849

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5201129 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 #4F5CE9 looks like.

```
.text, #text, p{  
  color:#4F5CE9  
}
```

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 #4F5CE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5CE9
}
```

Border

The CSS property to change the border of an element to Decimal 5201129 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
#4F5CE9 }
```

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

```
.border{ border-color:#4F5CE9 }
```

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

Here you see how a box with a 4 pixel #4F5CE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5CE9; -webkit-box-shadow:4px 4px  
4px 4px #4F5CE9; box-shadow:4px 4px 4px  
4px #4F5CE9 }
```

Background

The CSS property to change the background color of an element to Decimal 5201129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5CE9 }
```

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

```
.background{ background-color:#4F5CE9 }
```

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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