

Converting Colors

Decimal(21201)

Have a look what the booklet for
Decimal(21201) contains.

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Color

Decimal(21201)

Conversions

Conversions Part 1

Format	Color
Hex	0052D1
RGB	0, 82, 209
RGB Percent	0%, 32%, 82%
CMY	1.0000, 0.6784, 0.1804
CMYK	1.00, 0.61, 0.00, 0.18
HSL	216°, 100%, 41%
HSV	216°, 100%, 82%
XYZ	14.5259, 10.6380, 61.6093
YIQ	71.9600, -89.6390, 22.1130

Conversions

Conversions Part 2

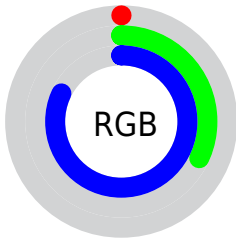
Format	Color
R_{YB}	0, 59, 209
Decimal	21201
CIE _{Lab}	38.96, 30.41, -70.66
CIE _{LCh}	39, 76.922, 293.287
Yxy	10.6380, 0.1674, 0.1226
Android (android.graphics.Color)	4278211281 (0xFF0052D1)
YUV	71.9600, 67.5607, -63.1089
Hunter-Lab	32.6160, 22.4191, -89.1635

Details

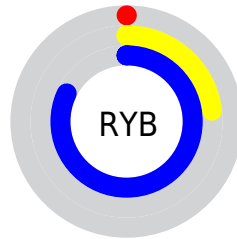
The Decimal color **21201** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **13729536**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **6718463**, and **10137** is the 20% darker color. If you saturate the color by 10%, you get **21201**, and if you desaturate by 10%, it is **1400785**.

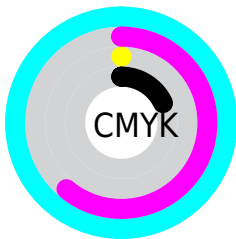
Distribution



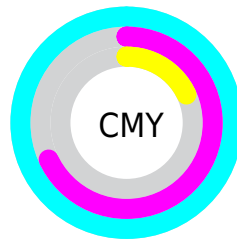
- Red (0%)
- Green (32%)
- Blue (82%)



- Red (0%)
- Yellow (23%)
- Blue (82%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (18%)



















- Cyan (100%)
- Magenta (68%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21201 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 21201 by changing the saturation by 10% instead.

 21201	 21201
 16777215	 15541
 6718463	 10137
 8822271	 5503
 10860543	 101
 12899327	 2380
 14938111	 1076
	 542
	 0

 21201

■ 1400785

■ 2780113

■ 4159697

■ 5539281

■ 6918865

■ 8232657

■ 9612241

■ 10991825

■ 12371153

Harmonies

Analogous

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



27098



21201



9840296

Triad

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



21201



11023104



29515

Complementary

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



21201



13729536

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.



28672



21201



8148224

Square

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



21201



12648495



4286208



30092

Rectangle

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



21201



11927681



4286208



29237

Sweetspot

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



21201



11784703



53629



5399680



0



8421504

Same Dimension

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



21201



25855



1376465



6185577



17064



4137

Inverse Universe

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



13697106



16711780



12374272



6905442



11010114



2686992

Previews

White Background



This preview shows how the Decimal color 21201 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 21201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

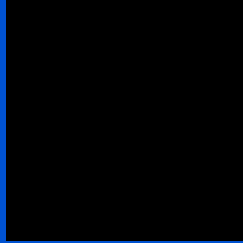
Any Text WCAG AA × Fail

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 21201 Background



This preview shows how black text looks on a background with the Decimal color 21201.

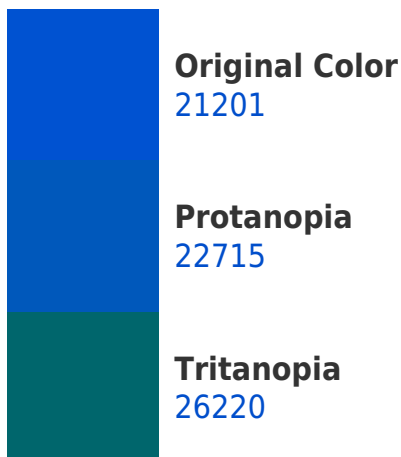


This preview shows how white text looks on a background with the Decimal color 21201.

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
21201

Protanomaly
22211

Tritanomaly
24465

Monochromacy



Original Color
21201

Achromatopsia
4737096

Achromatomaly
3034234

CSS Examples

Text

The CSS property to change the color of the text to Decimal 21201 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 #0052D1 looks like.

```
.text, #text, p{  
    color:#0052D1  
}
```

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 #0052D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0052D1
}
```

Border

The CSS property to change the border of an element to Decimal 21201 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
#0052D1 }
```

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

```
.border{ border-color:#0052D1 }
```

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

Here you see how a box with a 4 pixel #0052D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0052D1; -webkit-box-shadow:4px 4px  
4px 4px #0052D1; box-shadow:4px 4px 4px  
4px #0052D1 }
```

Background

The CSS property to change the background color of an element to Decimal 21201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0052D1 }
```

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

```
.background{ background-color:#0052D1 }
```

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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