

Converting Colors

Decimal(21981)

Have a look what the booklet for
Decimal(21981) contains.

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Color

Decimal(21981)

Conversions

Conversions Part 1

Format	Color
Hex	0055DD
RGB	0, 85, 221
RGB Percent	0%, 33%, 87%
CMY	1.0000, 0.6667, 0.1333
CMYK	1.00, 0.62, 0.00, 0.13
HSL	217°, 100%, 43%
HSV	217°, 100%, 87%
XYZ	16.2996, 11.7175, 69.8092
YIQ	75.0890, -94.3160, 24.2760

Conversions

Conversions Part 2

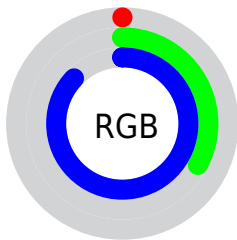
Format	Color
RYB	0, 61, 221
Decimal	21981
CIELab	40.76, 33.12, -74.59
CIELCh	41, 81.611, 293.943
Yxy	11.7175, 0.1666, 0.1198
Android (android.graphics.Color)	4278212061 (0xFF0055DD)
YUV	75.0890, 71.9341, -65.8531
Hunter-Lab	34.2308, 25.0924, -96.9527

Details

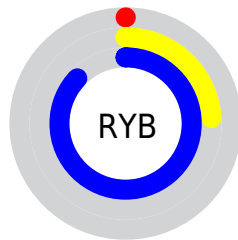
The Decimal color **21981** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **14518272**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **6915839**, and **10917** is the 20% darker color. If you saturate the color by 10%, you get **21981**, and if you desaturate by 10%, it is **1467357**.

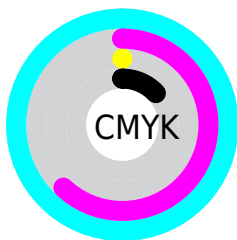
Distribution



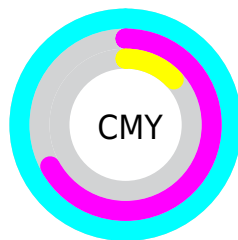
- Red (0%)
- Green (33%)
- Blue (87%)



- Red (0%)
- Yellow (24%)
- Blue (87%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)

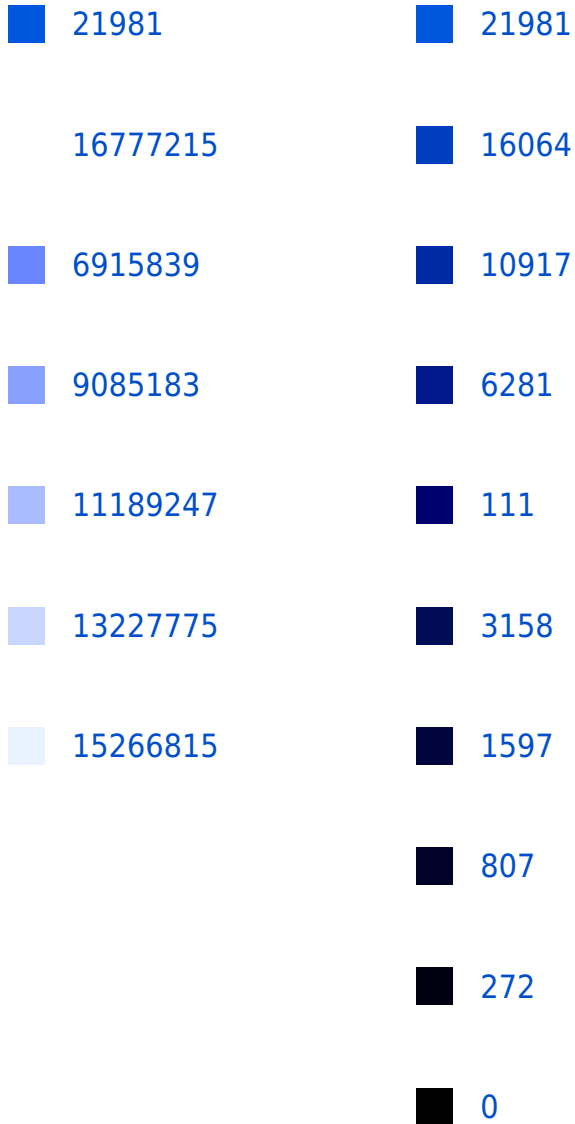


- Cyan (100%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21981 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 21981 by changing the saturation by 10% instead.



■ 21981

■ 1467357

■ 2912477

■ 4357853

■ 5802973

■ 7313885

■ 8759261

■ 10204381

■ 11649757

■ 13094877

Harmonies

Analogous

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



28392



21981



10429360

Triad

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



21981



11547904



31056

Complementary

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



21981



14518272

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.



29952



21981



8476928

Square

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



21981



13369391



4287488



31381

Rectangle

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



21981



12648583



4287488



30776

Sweetspot

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



21981



11784447



56709



5399424



0



8421504

Same Dimension

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



21981



25343



1442013



6514542



17325



4654

Inverse Universe

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



14483541



16711778



13098240



7234407



11337795



3014674

Previews

White Background



This preview shows how the Decimal color 21981 looks on a white background.

Color Contrast Check

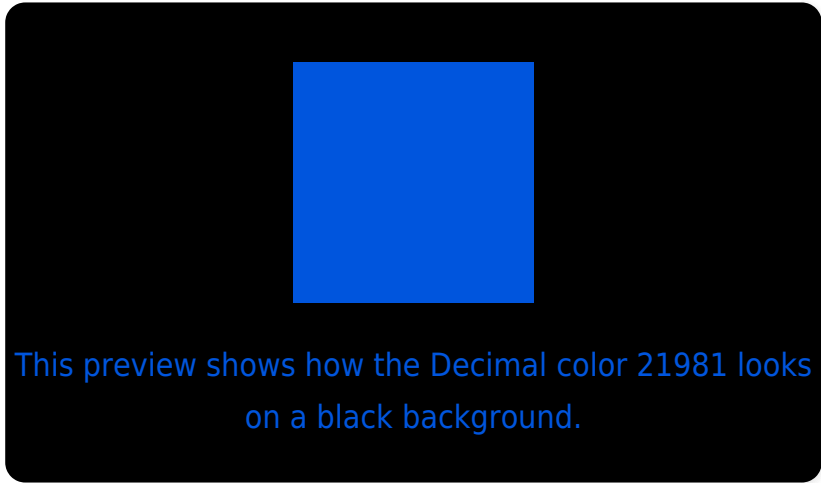
Large Text (above 18pt) WCAG AA ✓ Pass

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

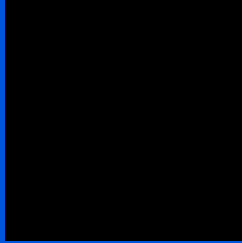
Any Text WCAG AA × Fail

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 21981 Background



This preview shows how black text looks on a background with the Decimal color 21981.

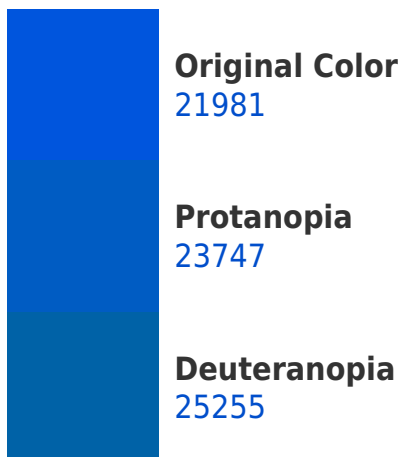


This preview shows how white text looks on a background with the Decimal color 21981.

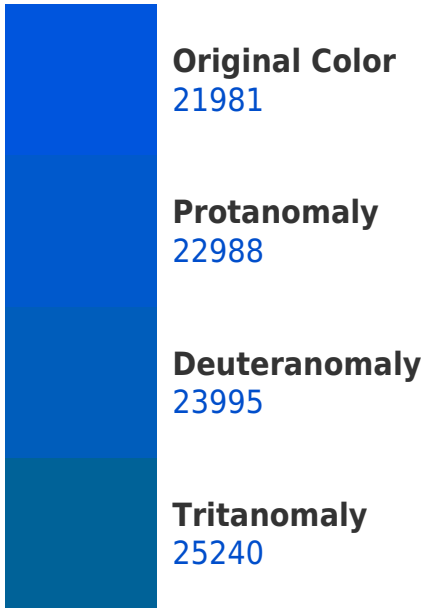
Color Blindness Simulation

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 21981 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 #0055DD looks like.

```
.text, #text, p{  
    color:#0055DD  
}
```

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 #0055DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0055DD
}
```

Border

The CSS property to change the border of an element to Decimal 21981 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
#0055DD }
```

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

```
.border{ border-color:#0055DD }
```

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

Here you see how a box with a 4 pixel #0055DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0055DD; -webkit-box-shadow:4px 4px  
4px 4px #0055DD; box-shadow:4px 4px 4px  
4px #0055DD }
```

Background

The CSS property to change the background color of an element to Decimal 21981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0055DD }
```

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

```
.background{ background-color:#0055DD }
```

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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