

# Converting Colors

Decimal(22001)

Have a look what the booklet for  
Decimal(22001) contains.

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# Color

**Decimal(22001)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0055F1
RGB	0, 85, 241
RGB Percent	0%, 33%, 95%
CMY	1.0000, 0.6667, 0.0549
CMYK	1.00, 0.65, 0.00, 0.05
HSL	219°, 100%, 47%
HSV	219°, 100%, 95%
XYZ	19.1257, 12.8479, 84.6909
YIQ	77.3690, -100.7360, 30.4960

# Conversions

## Conversions Part 2

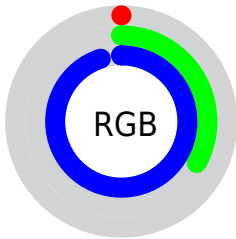
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 63, 241
Decimal	22001
CIE Lab	42.53, 40.70, -83.01
CIE LCh	43, 92.452, 296.118
Yxy	12.8479, 0.1639, 0.1101
Android (android.graphics.Color)	4278212081 (0xFF0055F1)
YUV	77.3690, 80.6701, -67.8526
Hunter-Lab	35.8439, 32.5176, -114.9979

# Details

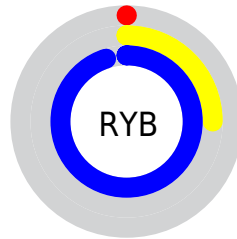
The Decimal color **22001** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **15834112**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **7309055**, and **10680** is the 20% darker color. If you saturate the color by 10%, you get **22001**, and if you desaturate by 10%, it is **1598961**.

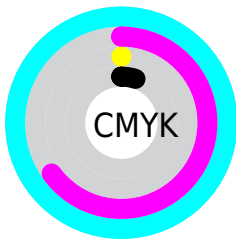
# Distribution



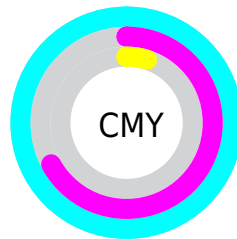
- Red (0%)
- Green (33%)
- Blue (95%)



- Red (0%)
- Yellow (25%)
- Blue (95%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (5%)




















- Cyan (100%)
- Magenta (67%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 22001 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 22001 by changing the saturation by 10% instead.



 22001	 22001
 16777215	 16084
 7309055	 10680
 9543935	 6044
 11713535	 897
 13817855	 2919
 15922175	 2637
	 1334
	 543
	 3

■ 22001

■ 1598961

■ 3175665

■ 4752625

■ 6329329

■ 7906289

■ 9548785

■ 11125489

■ 12702449

■ 14279153

# Harmonies

## Analogous

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



29695



22001



11600059

# Triad

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



22001



12203008



32856

# Complementary

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



22001



15834112

# 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.



31744



22001



8609536

# Square

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



22001



14417960



3502848



33191

# Rectangle

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



22001



13959307



3502848



32572



# Sweetspot

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



22001



11783679



61849



5399168



0



8421504



# Same Dimension

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



22001



23295



2097393



7106680



16824



5176



# Inverse Universe

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



15794261



16711770



13758720



7892080



12058689



3670036



# Previews

## White Background



This preview shows how the Decimal color 22001 looks on a white background.

## Color Contrast Check

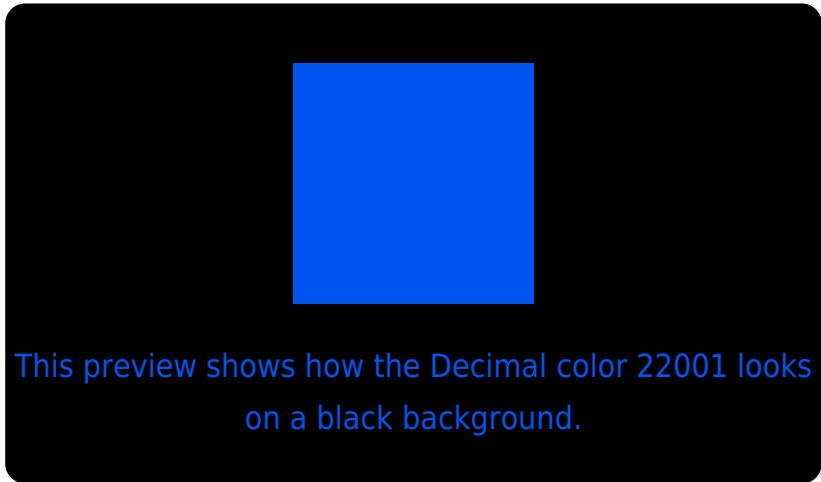
Large Text (above 18pt) WCAG AA ✓ Pass

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 22001 Background



This preview shows how black text looks on a background with the Decimal color 22001.

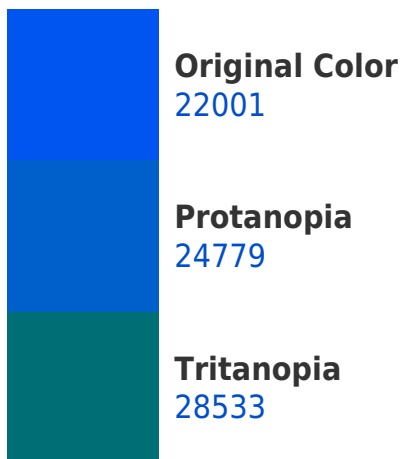


This preview shows how white text looks on a background with the Decimal color 22001.

# 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**  
22001

**Protanomaly**  
23769

**Tritanomaly**  
26274

# Monochromacy



**Original Color**  
22001

**Achromatopsia**  
5066061

**Achromatomaly**  
3231881

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 22001 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 #0055F1 looks like.

```
.text, #text, p{  
    color:#0055F1  
}
```

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 #0055F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0055F1
}
```

## Border

The CSS property to change the border of an element to Decimal 22001 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
#0055F1 }
```

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

```
.border{ border-color:#0055F1 }
```

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

Here you see how a box with a 4 pixel #0055F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0055F1; -webkit-box-shadow:4px 4px  
4px 4px #0055F1; box-shadow:4px 4px 4px  
4px #0055F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 22001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0055F1 }
```

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

```
.background{ background-color:#0055F1 }
```

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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