

Converting Colors

Decimal(22006)

Have a look what the booklet for
Decimal(22006) contains.

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Color

Decimal(22006)

Conversions

Conversions Part 1

Format	Color
Hex	0055F6
RGB	0, 85, 246
RGB Percent	0%, 33%, 96%
CMY	1.0000, 0.6667, 0.0353
CMYK	1.00, 0.65, 0.00, 0.04
HSL	219°, 100%, 48%
HSV	219°, 100%, 96%
XYZ	19.8831, 13.1508, 88.6792
YIQ	77.9390, -102.3410, 32.0510

Conversions

Conversions Part 2

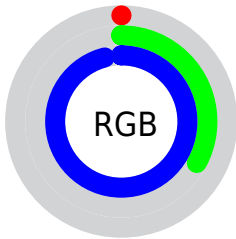
Format	Color
R _{YB}	0, 63, 246
Decimal	22006
CIE Lab	42.99, 42.55, -85.07
CIE LCh	43, 95.116, 296.573
Yxy	13.1508, 0.1634, 0.1080
Android (android.graphics.Color)	4278212086 (0xFF0055F6)
YUV	77.9390, 82.8541, -68.3525
Hunter-Lab	36.2641, 34.4068, -119.6014

Details

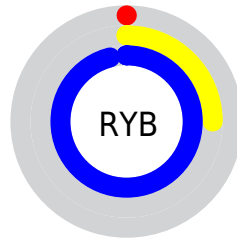
The Decimal color **22006** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **16163072**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **7440127**, and **10684** is the 20% darker color. If you saturate the color by 10%, you get **22006**, and if you desaturate by 10%, it is **1664502**.

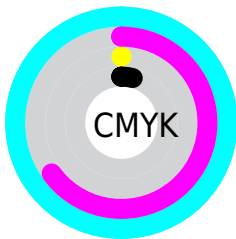
Distribution



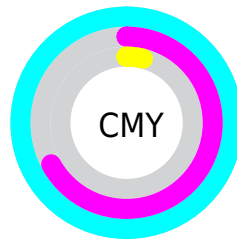
- Red (0%)
- Green (33%)
- Blue (96%)



- Red (0%)
- Yellow (25%)
- Blue (96%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (4%)




















- Cyan (100%)
- Magenta (67%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 22006 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 22006 by changing the saturation by 10% instead.

 22006	 22006
 16777215	 16089
 7440127	 10684
 9675007	 6048
 11844607	 1157
 13948927	 2411
 16053247	 2897
	 1337
	 547
	 10

■ 22006

■ 1664502

■ 3241462

■ 4883958

■ 6460918

■ 8103670

■ 9746166

■ 11323126

■ 12965622

■ 14542582

Harmonies

Analogous

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



30207



22006



11862206

Triad

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



22006



12399616



33370

Complementary

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



22006



16163072

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.



32256



22006



8675328

Square

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



22006



14680102



3306752



33707

Rectangle

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



22006



14221452



3306752



33086

Sweetspot

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



22006



11783679



63136



5398912



0



8421504

Same Dimension

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



22006



22783



2425078



7238266



16570



5179

Inverse Universe

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



16121941



16711768



13760000



8023666



12189760



3866644

Previews

White Background



This preview shows how the Decimal color 22006 looks on a white background.

Color Contrast Check

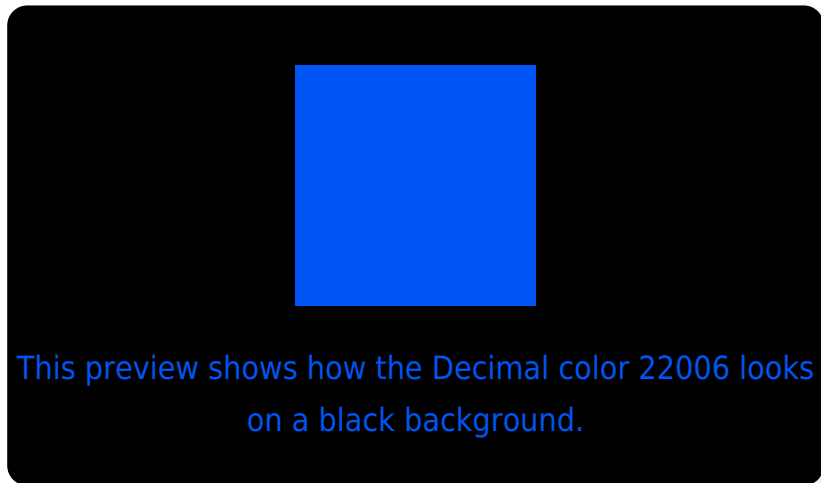
Large Text (above 18pt) WCAG AA ✓ Pass

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

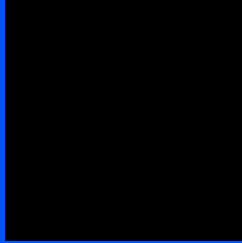
Any Text WCAG AA × Fail

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 22006 Background



This preview shows how black text looks on a background with the Decimal color 22006.

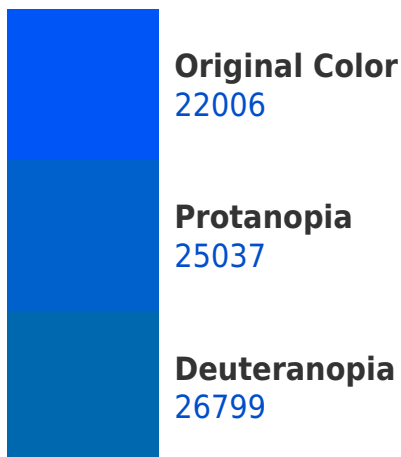


This preview shows how white text looks on a background with the Decimal color 22006.

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](#).

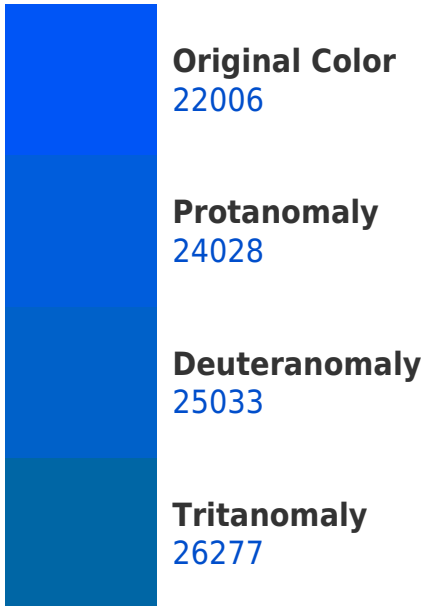
Dichromacy



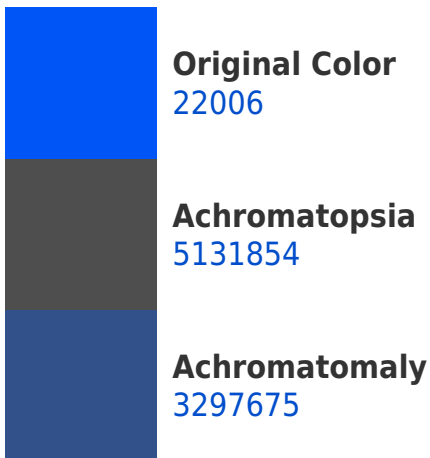


Tritanopia
28790

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 22006 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 #0055F6 looks like.

```
.text, #text, p{  
  color:#0055F6  
}
```

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 #0055F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0055F6
}
```

Border

The CSS property to change the border of an element to Decimal 22006 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
#0055F6 }
```

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

```
.border{ border-color:#0055F6 }
```

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

Here you see how a box with a 4 pixel #0055F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0055F6; -webkit-box-shadow:4px 4px  
4px 4px #0055F6; box-shadow:4px 4px 4px  
4px #0055F6 }
```

Background

The CSS property to change the background color of an element to Decimal 22006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0055F6 }
```

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

```
.background{ background-color:#0055F6 }
```

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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