

Converting Colors

Decimal(406271)

Have a look what the booklet for
Decimal(406271) contains.

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Color

Decimal(406271)

Conversions

Conversions Part 1

Format	Color
Hex	0632FF
RGB	6, 50, 255
RGB Percent	2%, 20%, 100%
CMY	0.9765, 0.8039, 0.0000
CMYK	0.98, 0.80, 0.00, 0.00
HSL	229°, 100%, 51%
HSV	229°, 98%, 100%
XYZ	19.2657, 9.5399, 95.4337
YIQ	60.2140, -92.0290, 54.4270

Conversions

Conversions Part 2

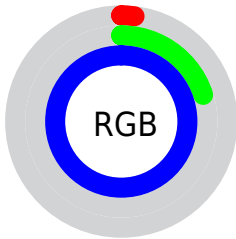
Format	Color
R _Y B	6, 43, 255
Decimal	406271
CIE Lab	37.00, 65.25, -100.02
CIE LCh	37, 119.415, 303.119
Yxy	9.5399, 0.1551, 0.0768
Android (android.graphics.Color)	4278596351 (0xFF0632FF)
YUV	60.2140, 96.0295, -47.5457
Hunter-Lab	30.8868, 57.2880, -161.5731

Details

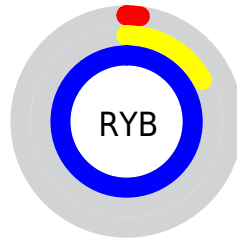
The Decimal color **406271** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **16765702**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **7824639**, and **196** is the 20% darker color. If you saturate the color by 10%, you get **11775**, and if you desaturate by 10%, it is **2115583**.

Distribution



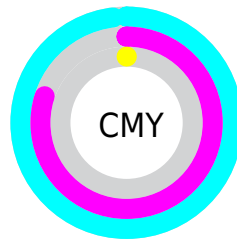
- Red (2%)
- Green (20%)
- Blue (100%)



- Red (2%)
- Yellow (17%)
- Blue (100%)



- Cyan (98%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





















- Cyan (98%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 406271 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 406271 by changing the saturation by 10% instead.

 406271	 406271
 16777215	 6625
 7824639	 196
 10190847	 168
 12360191	 141
 14530047	 3698
 16699903	 3160
 16772863	 1856
	 809
	 275

■ 406271

■ 406271

■ 11775

■ 2115583

■ 3759359

■ 5468671

■ 7112447

■ 8821759

■ 10465535

■ 12174847

■ 13818623

■ 15527935

Harmonies

Analogous

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



26623



406271



13041841

Triad

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



406271



11214336



29792

Complementary

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



406271



16765702

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.



28928



406271



6445056

Square

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



406271



14483456



27392



30657

Rectangle

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



406271



15138930



27392



29501

Sweetspot

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



406271



11911935



458705



5462912



0



8421504

Same Dimension

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



406271



11775



5572351



7566720



8895



2880

Inverse Universe

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



16713266



16711725



11599622



8418165



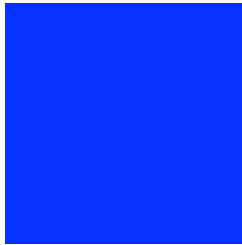
12517410



4194315

Previews

White Background



This preview shows how the Decimal color 406271 looks on a white background.

Color Contrast Check

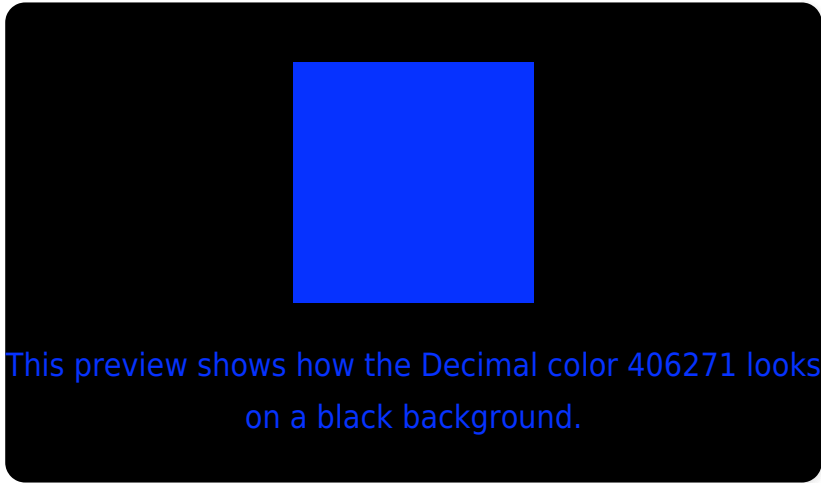
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 406271 Background



This preview shows how black text looks on a background with the Decimal color 406271.

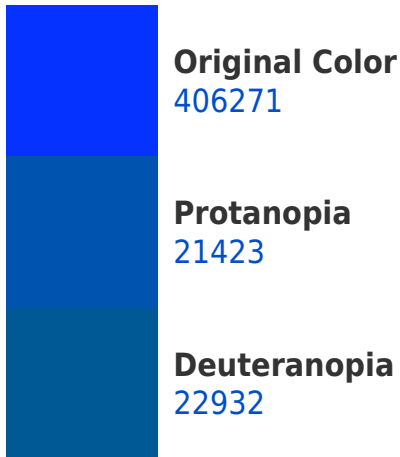


This preview shows how white text looks on a background with the Decimal color 406271.

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
406271

Protanomaly
149452

Deuteranomaly
150459

Tritanomaly
151452

Monochromacy



Original Color
406271

Achromatopsia
3947580

Achromatomaly
2635907

CSS Examples

Text

The CSS property to change the color of the text to Decimal 406271 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 #0632FF looks like.

```
.text, #text, p{  
    color:#0632FF  
}
```

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 #0632FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0632FF
}
```

Border

The CSS property to change the border of an element to Decimal 406271 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
#0632FF }
```

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

```
.border{ border-color:#0632FF }
```

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

Here you see how a box with a 4 pixel #0632FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0632FF; -webkit-box-shadow:4px 4px  
4px 4px #0632FF; box-shadow:4px 4px 4px  
4px #0632FF }
```

Background

The CSS property to change the background color of an element to Decimal 406271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0632FF }
```

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

```
.background{ background-color:#0632FF }
```

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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