

Converting Colors

Decimal(6770175)

Have a look what the booklet for
Decimal(6770175) contains.

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Color

Decimal(6770175)

Conversions

Conversions Part 1

Format	Color
Hex	674DFF
RGB	103, 77, 255
RGB Percent	40%, 30%, 100%
CMY	0.5961, 0.6980, 0.0000
CMYK	0.60, 0.70, 0.00, 0.00
HSL	249°, 100%, 65%
HSV	249°, 70%, 100%
XYZ	26.2974, 15.4113, 96.1964
YIQ	105.0660, -41.6420, 60.8700

Conversions

Conversions Part 2

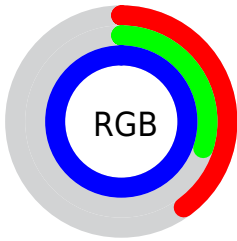
Format	Color
R _{YB}	103, 77, 255
Decimal	6770175
CIE Lab	46.19, 57.74, -84.68
CIE LCh	46, 102.491, 304.287
Yxy	15.4113, 0.1907, 0.1118
Android (android.graphics.Color)	4284960255 (0xFF674DFF)
YUV	105.0660, 73.9175, -1.8119
Hunter-Lab	39.2573, 50.8722, -117.8048

Details

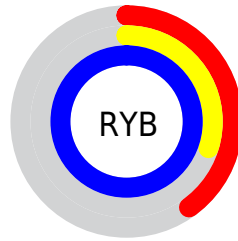
The Decimal color **6770175** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **15073101**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **11043071**, and **72645** is the 20% darker color. If you saturate the color by 10%, you get **5321983**, and if you desaturate by 10%, it is **8218623**.

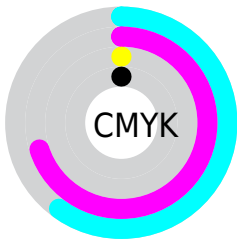
Distribution



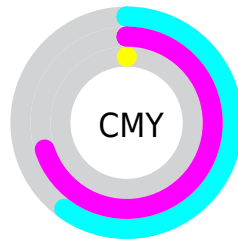
- Red (40%)
- Green (30%)
- Blue (100%)



- Red (40%)
- Yellow (30%)
- Blue (100%)



- Cyan (60%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6770175 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 6770175 by changing the saturation by 10% instead.

 6770175

 6770175

16777215


 4338914

 11043071

 72645

 13081599

 169

 15120383

 141

 16765951

 115

 16773375

 3417

 1856

 809

 276

■ 6770175

■ 6770175

■ 5321983

■ 8218623

■ 3873535

■ 9666815

■ 2490879

■ 11049727

■ 2425087

■ 12497919

■ 13946367

■ 15394559

16777215

Harmonies

Analogous

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



30975



6770175



14090426

Triad

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



6770175



12470272



35960

Complementary

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



6770175



15073101

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.



35091



6770175



8089344

Square

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



6770175



15466511



33024



36558

Rectangle

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



6770175



15990914



33024



35930

Sweetspot

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



6770175



13748735



5105663



6578304



0



8421504

Same Dimension

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



6770175



4729343



12471807



7697280



1835199



589888

Inverse Universe

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



16731621



16722400



9371469



8418174



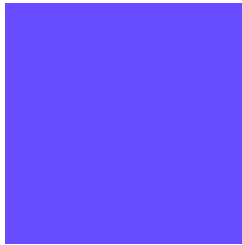
12517539



4194358

Previews

White Background



This preview shows how the Decimal color 6770175 looks on a white background.

Color Contrast Check

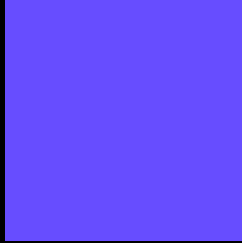
Large Text (above 18pt) WCAG AA ✓ Pass

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 6770175 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 6770175 Background



This preview shows how black text looks on a background with the Decimal color 6770175.



This preview shows how white text looks on a background with the Decimal color 6770175.

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
2979712

Trichromacy



Original Color

6770175



Protanomaly

2449385



Deuteranomaly

2450390



Tritanomaly

4352174

Monochromacy



Original Color

6770175



Achromatopsia

6908265



Achromatomaly

6840224

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6770175 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 #674DFF looks like.

```
.text, #text, p{  
    color:#674DFF  
}
```

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 #674DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674DFF
}
```

Border

The CSS property to change the border of an element to Decimal 6770175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

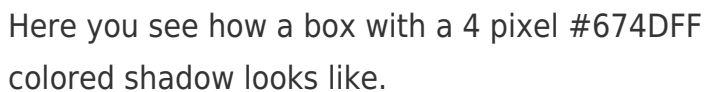
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674DFF }
```

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

```
.border{ border-color:#674DFF }
```

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



Here you see how a box with a 4 pixel #674DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674DFF; -webkit-box-shadow:4px 4px  
4px 4px #674DFF; box-shadow:4px 4px 4px  
4px #674DFF }
```

Background

The CSS property to change the background color of an element to Decimal 6770175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674DFF }
```

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

```
.background{ background-color:#674DFF }
```

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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