

Converting Colors

Decimal(7634673)

Have a look what the booklet for
Decimal(7634673) contains.

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Color

Decimal(7634673)

Conversions

Conversions Part 1

Format	Color
Hex	747EF1
RGB	116, 126, 241
RGB Percent	45%, 49%, 95%
CMY	0.5451, 0.5059, 0.0549
CMYK	0.52, 0.48, 0.00, 0.05
HSL	235°, 82%, 70%
HSV	235°, 52%, 95%
XYZ	30.5405, 24.9856, 86.4321
YIQ	136.1200, -42.8750, 33.6450

Conversions

Conversions Part 2

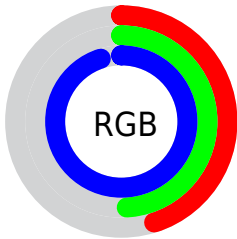
Format	Color
R _Y B	116, 125, 241
Decimal	7634673
CIE Lab	57.06, 27.55, -59.22
CIE LCh	57, 65.308, 294.946
Yxy	24.9856, 0.2151, 0.1760
Android (android.graphics.Color)	4285824753 (0xFF747EF1)
YUV	136.1200, 51.7058, -17.6452
Hunter-Lab	49.9856, 21.5862, -67.5309

Details

The Decimal color **7634673** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **15853428**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **11514879**, and **3493304** is the 20% darker color. If you saturate the color by 10%, you get **6056177**, and if you desaturate by 10%, it is **9213169**.

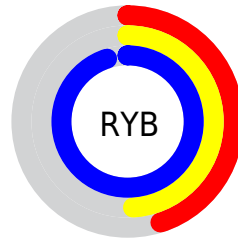
Distribution



Red (45%)

Green (49%)

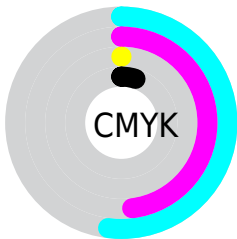
Blue (95%)



Red (45%)

Yellow (49%)

Blue (95%)

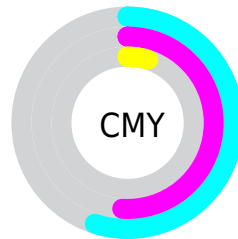


Cyan (52%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (51%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7634673 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 7634673 by changing the saturation by 10% instead.

■ 7634673

■ 7634673

16777215

■ 5662164

■ 11514879

■ 3493304

■ 13422335

■ 14237

■ 15395583

■ 8834

■ 4200

■ 79

■ 1335

■ 545

■ 6

■ 7634673

■ 7634673

■ 6056177

■ 9213169

■ 4477681

■ 10791665

■ 2898929

■ 12370417

■ 1320433

■ 13948913

■ 5105

■ 15527409

■ 16777201

Harmonies

Analogous

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



37883



7634673



12870603

Triad

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



7634673



13986601



41597

Complementary

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



7634673



15853428

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.



1613379



7634673



11305728

Square

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



7634673



15488093



7771142



41912

Rectangle

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



7634673



14701480



7771142



41321

Sweetspot

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



7634673



14080511



7664103



6777216



0



8421504

Same Dimension

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



7634673



6385407



11039985



7105912



4024



1080

Inverse Universe

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



15823998



16736622



12448116



7892077



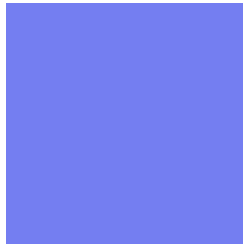
12058639



3670020

Previews

White Background



This preview shows how the Decimal color 7634673 looks on a white background.

Color Contrast Check

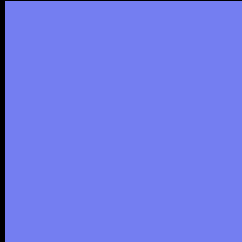
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7634673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

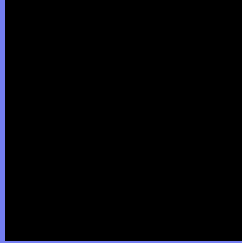
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7634673 Background



This preview shows how black text looks on a background with the Decimal color 7634673.

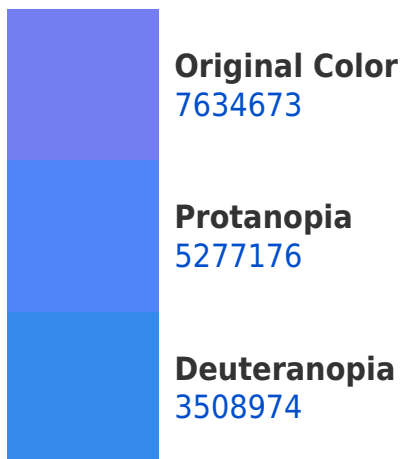


This preview shows how white text looks on a background with the Decimal color 7634673.

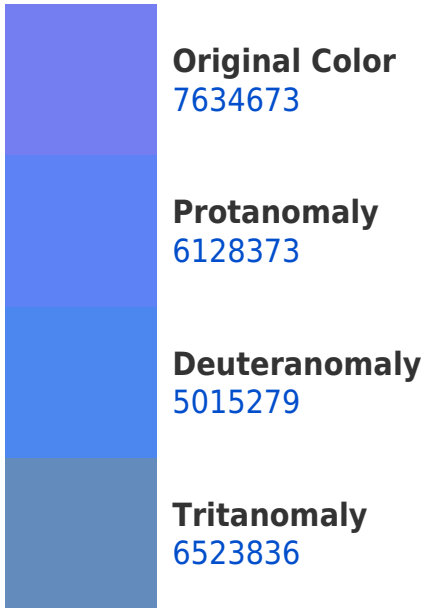
Color Blindness Simulation

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 7634673 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 #747EF1 looks like.

```
.text, #text, p{  
    color:#747EF1  
}
```

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 #747EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747EF1
}
```

Border

The CSS property to change the border of an element to Decimal 7634673 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
#747EF1 }
```

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

```
.border{ border-color:#747EF1 }
```

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

Here you see how a box with a 4 pixel #747EF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747EF1; -webkit-box-shadow:4px 4px  
4px 4px #747EF1; box-shadow:4px 4px 4px  
4px #747EF1 }
```

Background

The CSS property to change the background color of an element to Decimal 7634673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747EF1 }
```

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

```
.background{ background-color:#747EF1 }
```

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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