

Converting Colors

Decimal(7634404)

Have a look what the booklet for
Decimal(7634404) contains.

Decimal(7634404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7634404)

Conversions

Conversions Part 1

Format	Color
Hex	747DE4
RGB	116, 125, 228
RGB Percent	45%, 49%, 89%
CMY	0.5451, 0.5098, 0.1059
CMYK	0.49, 0.45, 0.00, 0.11
HSL	235°, 67%, 67%
HSV	235°, 49%, 89%
XYZ	28.5397, 23.9817, 76.5235
YIQ	134.0510, -38.4270, 30.1250

Conversions

Conversions Part 2

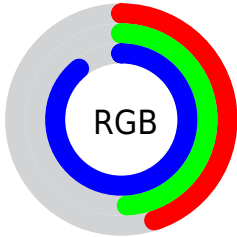
Format	Color
R _Y B	116, 124, 228
Decimal	7634404
CIE Lab	56.07, 24.17, -53.56
CIE LCh	56, 58.762, 294.290
Yxy	23.9817, 0.2212, 0.1858
Android (android.graphics.Color)	4285824484 (0xFF747DE4)
YUV	134.0510, 46.3169, -15.8307
Hunter-Lab	48.9711, 18.3279, -58.3684

Details

The Decimal color **7634404** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **14998388**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **11448831**, and **3689644** is the 20% darker color. If you saturate the color by 10%, you get **6121700**, and if you desaturate by 10%, it is **9147108**.

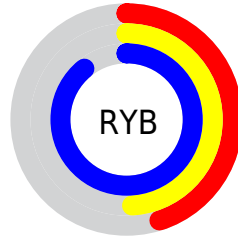
Distribution



Red (45%)

Green (49%)

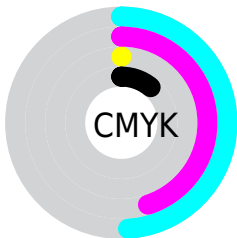
Blue (89%)



Red (45%)

Yellow (49%)

Blue (89%)

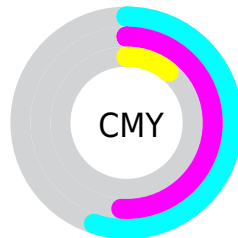


Cyan (49%)

Magenta (45%)

Yellow (0%)

Black (11%)



Cyan (55%)

Magenta (51%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7634404 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 7634404 by changing the saturation by 10% instead.

■ 7634404

■ 7634404

16777215

■ 5727432

■ 11448831

■ 3689644

■ 13356543

■ 931473

■ 15264255

■ 8567

■ 3677

■ 581

■ 814

■ 280

■ 0

■ 7634404

■ 7634404

■ 6121700

■ 9147108

■ 4608996

■ 10659812

■ 3161828

■ 12106980

■ 1649124

■ 13619684

■ 136420

■ 15132388

■ 4836

■ 16645092

■ 16777188

Harmonies

Analogous

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



36844



7634404



12281539

Triad

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



7634404



13462579



40571

Complementary

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



7634404



14998388

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.



3184967



7634404



11043089

Square

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



7634404



14768480



7901212



40623

Rectangle

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



7634404



13982115



7901212



40297

Sweetspot

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



7634404



14277887



7660763



6908544



0



8421504

Same Dimension

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



7634404



6911487



10712292



6776947



3763



1075

Inverse Universe

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



14972029



16738677



11920500



7563112



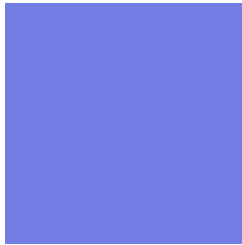
11730958



3342340

Previews

White Background



This preview shows how the Decimal color 7634404 looks on a white background.

Color Contrast Check

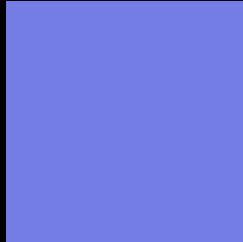
Large Text (above 18pt) WCAG AA ✓ Pass

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 7634404 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 7634404 Background



This preview shows how black text looks on a background with the Decimal color 7634404.




This preview shows how white text looks on a background with the Decimal color 7634404.

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](#).

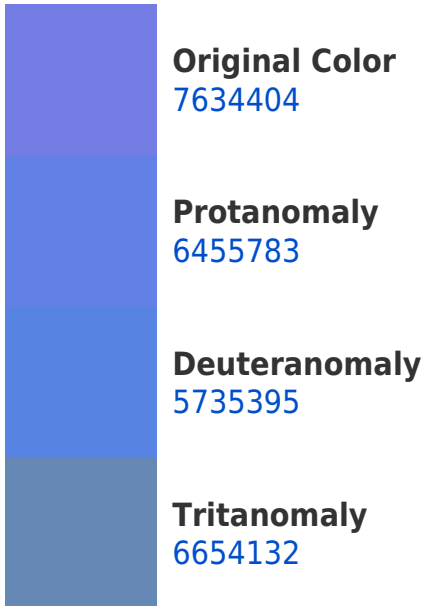
Dichromacy





Tritanopia
6131353

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7634404 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 #747DE4 looks like.

```
.text, #text, p{  
    color:#747DE4  
}
```

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 #747DE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747DE4
}
```

Border

The CSS property to change the border of an element to Decimal 7634404 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".

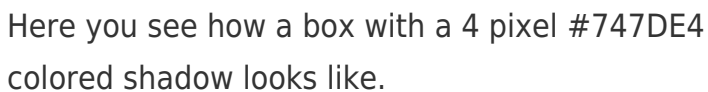
```
.border, #border, table{ border:4px solid
#747DE4 }
```

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

```
.border{ border-color:#747DE4 }
```

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

Here you see how a box with a 4 pixel #747DE4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747DE4; -webkit-box-shadow:4px 4px  
4px 4px #747DE4; box-shadow:4px 4px 4px  
4px #747DE4 }
```

Background

The CSS property to change the background color of an element to Decimal 7634404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747DE4 }
```

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

```
.background{ background-color:#747DE4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor