

Converting Colors

Decimal(7700464)

Have a look what the booklet for
Decimal(7700464) contains.

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Color

Decimal(7700464)

Conversions

Conversions Part 1

Format	Color
Hex	757FF0
RGB	117, 127, 240
RGB Percent	46%, 50%, 94%
CMY	0.5412, 0.5020, 0.0588
CMYK	0.51, 0.47, 0.00, 0.06
HSL	235°, 80%, 70%
HSV	235°, 51%, 94%
XYZ	30.6537, 25.2519, 85.6966
YIQ	136.8920, -42.2330, 33.0230

Conversions

Conversions Part 2

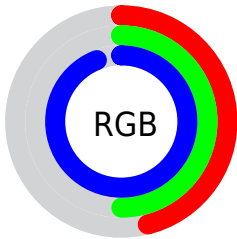
Format	Color
R _Y B	117, 126, 240
Decimal	7700464
CIE _{Lab}	57.32, 26.85, -58.24
CIE _{LCh}	57, 64.135, 294.752
Y _{xy}	25.2519, 0.2165, 0.1783
Android (android.graphics.Color)	4285890544 (0xFF757FF0)
Y _{UV}	136.8920, 50.8322, -17.4453
Hunter-Lab	50.2513, 20.9466, -65.9349

Details

The Decimal color **7700464** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **15787637**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **11580671**, and **3624631** is the 20% darker color. If you saturate the color by 10%, you get **6121968**, and if you desaturate by 10%, it is **9278960**.

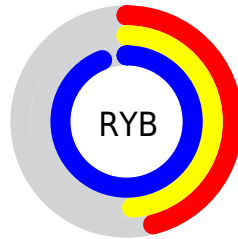
Distribution



Red (46%)

Green (50%)

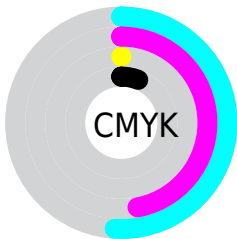
Blue (94%)



Red (46%)

Yellow (49%)

Blue (94%)

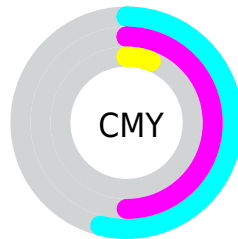


Cyan (51%)

Magenta (47%)

Yellow (0%)

Black (6%)



Cyan (54%)

Magenta (50%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7700464 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 7700464 by changing the saturation by 10% instead.

■ 7700464

■ 7700464

16777215

■ 5727955

■ 11580671

■ 3624631

■ 13488127

■ 145564

■ 15461375

■ 9089

■ 4199

■ 79

■ 1335

■ 544

■ 5

■ 7700464

■ 7700464

■ 6121968

■ 9278960

■ 4543472

■ 10857456

■ 2964976

■ 12435952

■ 1386480

■ 14014448

■ 5360

■ 15592944

■ 16777200

Harmonies

Analogous

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



37882



7700464



12805579

Triad

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



7700464



13987116



41854

Complementary

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



7700464



15787637

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.



2203205



7700464



11371520

Square

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



7700464



15488606



7902222



41911

Rectangle

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



7700464



14702249



7902222



41578

Sweetspot

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



7700464



14277887



7729382



6908544



0



8421504

Same Dimension

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



7700464



6385407



11040240



7105912



4024



1336

Inverse Universe

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



15758719



16736622



12447861



7892077



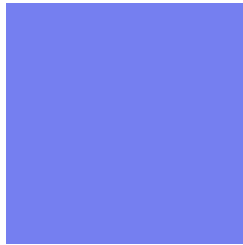
12058639



3670021

Previews

White Background



This preview shows how the Decimal color 7700464 looks on a white background.

Color Contrast Check

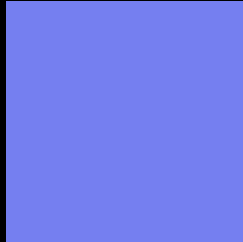
Large Text (above 18pt) WCAG AA ✓ Pass

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 7700464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

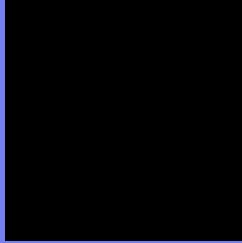
Any Text WCAG AA ✓ Pass

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 7700464 Background



This preview shows how black text looks on a background with the Decimal color 7700464.

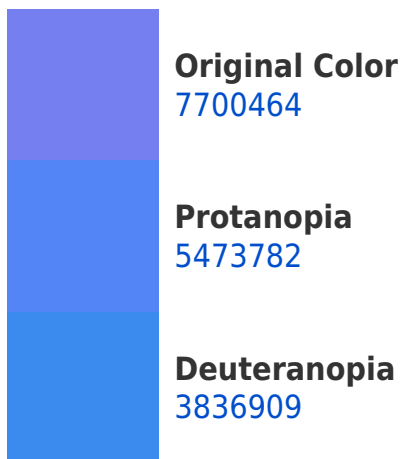


This preview shows how white text looks on a background with the Decimal color 7700464.

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](#).

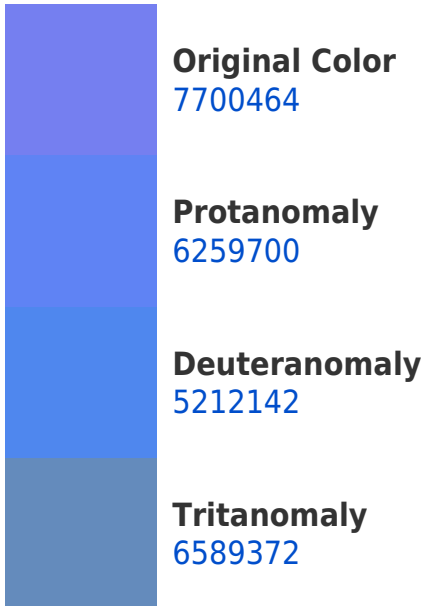
Dichromacy





Tritanopia
6001310

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7700464 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 #757FF0 looks like.

```
.text, #text, p{  
    color:#757FF0  
}
```

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 #757FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757FF0
}
```

Border

The CSS property to change the border of an element to Decimal 7700464 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
#757FF0 }
```

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

```
.border{ border-color:#757FF0 }
```

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

Here you see how a box with a 4 pixel #757FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757FF0; -webkit-box-shadow:4px 4px  
4px 4px #757FF0; box-shadow:4px 4px 4px  
4px #757FF0 }
```

Background

The CSS property to change the background color of an element to Decimal 7700464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757FF0 }
```

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

```
.background{ background-color:#757FF0 }
```

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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