

Converting Colors

Decimal(7696325)

Have a look what the booklet for
Decimal(7696325) contains.

Decimal(7696325)	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(7696325)

Conversions

Conversions Part 1

Format	Color
Hex	756FC5
RGB	117, 111, 197
RGB Percent	46%, 44%, 77%
CMY	0.5412, 0.5647, 0.2275
CMYK	0.41, 0.44, 0.00, 0.23
HSL	244°, 43%, 60%
HSV	244°, 44%, 77%
XYZ	23.0986, 19.1820, 55.3084
YIQ	122.5980, -24.0300, 28.0180

Conversions

Conversions Part 2

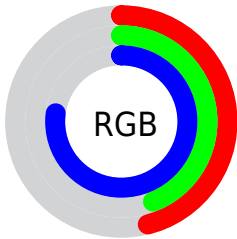
Format	Color
R_{YB}	117, 111, 197
Decimal	7696325
CIE _{Lab}	50.90, 23.66, -44.23
CIE _{LCh}	51, 50.166, 298.144
Yxy	19.1820, 0.2367, 0.1966
Android (android.graphics.Color)	4285886405 (0xFF756FC5)
YUV	122.5980, 36.6802, -4.9094
Hunter-Lab	43.7973, 17.4954, -44.2150

Details

The Decimal color **7696325** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **12567919**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **11314174**, and **4145039** is the 20% darker color. If you saturate the color by 10%, you get **6511557**, and if you desaturate by 10%, it is **8881093**.

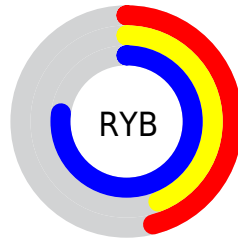
Distribution



Red (46%)

Green (44%)

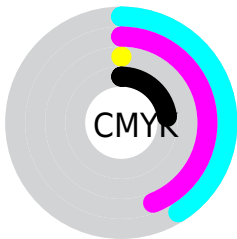
Blue (77%)



Red (46%)

Yellow (44%)

Blue (77%)

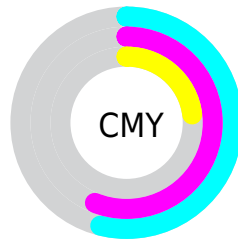


Cyan (41%)

Magenta (44%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (56%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7696325 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 7696325 by changing the saturation by 10% instead.



7696325



7696325

16777215



5920681



11314174



4145039



13221631



2238837



15129343



5467



16774911



68



812



279



0



7696325



7696325

■ 6511557

■ 8881093

■ 5261509

■ 10131141

■ 4076741

■ 11315909

■ 2891973

■ 12500677

■ 1641669

■ 13750981

■ 917701

■ 14935493

■ 16120261

■ 16777157

Harmonies

Analogous

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



32719



7696325



11230631

Triad

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



7696325



11757104



36469

Complementary

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



7696325



12567919

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.



2787914



7696325



9598491

Square

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



7696325



12932691



6849319



36256

Rectangle

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



7696325



12473484



6849319



36198

Sweetspot

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



7696325



14737151



7323589



7170944



0



8421504

Same Dimension

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



7696325



8682239



10514373



5921379



721059



131108

Inverse Universe

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



12939199



16743158



9749871



6511203



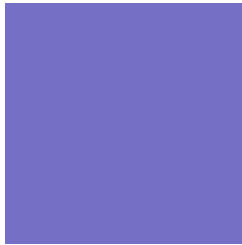
10682520



2359329

Previews

White Background



This preview shows how the Decimal color 7696325 looks on a white background.

Color Contrast Check

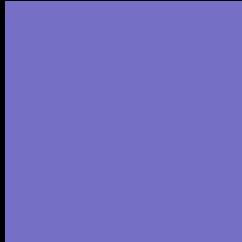
Large Text (above 18pt) WCAG AA ✓ Pass

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 7696325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

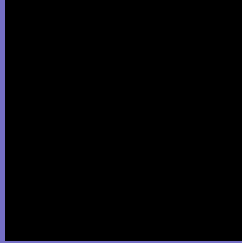
Any Text WCAG AA ✓ Pass

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 7696325 Background



This preview shows how black text looks on a background with the Decimal color 7696325.

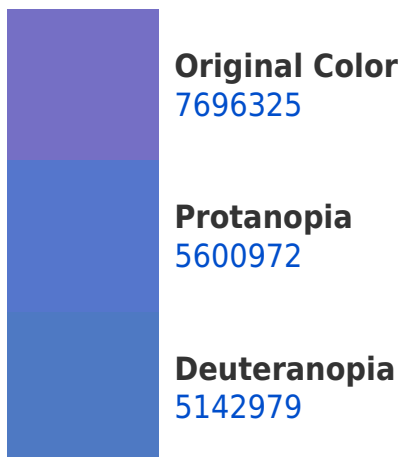


This preview shows how white text looks on a background with the Decimal color 7696325.

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
6716807

Trichromacy



Original Color
7696325

Protanomaly
6386633

Deuteranomaly
6059460

Tritanomaly
7043230

Monochromacy



Original Color
7696325

Achromatopsia
8092539

Achromatomaly
7960470

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7696325 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 #756FC5 looks like.

```
.text, #text, p{  
  color:#756FC5  
}
```

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 #756FC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756FC5
}
```

Border

The CSS property to change the border of an element to Decimal 7696325 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
#756FC5 }
```

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

```
.border{ border-color:#756FC5 }
```

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

Here you see how a box with a 4 pixel #756FC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756FC5; -webkit-box-shadow:4px 4px  
4px 4px #756FC5; box-shadow:4px 4px 4px  
4px #756FC5 }
```

Background

The CSS property to change the background color of an element to Decimal 7696325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756FC5 }
```

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

```
.background{ background-color:#756FC5 }
```

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