

Converting Colors

Decimal(7747521)

Have a look what the booklet for
Decimal(7747521) contains.

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Color

Decimal(7747521)

Conversions

Conversions Part 1

Format	Color
Hex	7637C1
RGB	118, 55, 193
RGB Percent	46%, 22%, 76%
CMY	0.5373, 0.7843, 0.2431
CMYK	0.39, 0.72, 0.00, 0.24
HSL	267°, 56%, 49%
HSV	267°, 72%, 76%
XYZ	18.4630, 10.4342, 51.4930
YIQ	89.5690, -6.7500, 56.2740

Conversions

Conversions Part 2

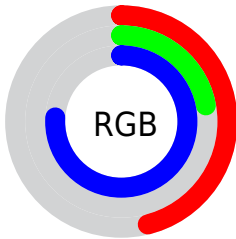
Format	Color
R_{YB}	118, 55, 193
Decimal	7747521
CIE _{Lab}	38.61, 54.18, -61.66
CIE _{LCh}	39, 82.087, 311.305
Yxy	10.4342, 0.2297, 0.1298
Android (android.graphics.Color)	4285937601 (0xFF7637C1)
YUV	89.5690, 50.9915, 24.9340
Hunter-Lab	32.3020, 45.4978, -71.9035

Details

The Decimal color **7747521** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **8569143**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **11496442**, and **3932298** is the 20% darker color. If you saturate the color by 10%, you get **7087297**, and if you desaturate by 10%, it is **8407745**.

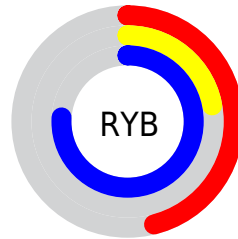
Distribution



Red (46%)

Green (22%)

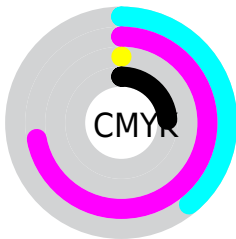
Blue (76%)



Red (46%)

Yellow (22%)

Blue (76%)

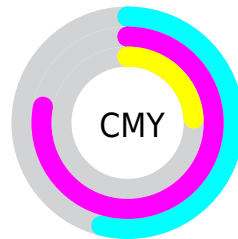


Cyan (39%)

Magenta (72%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (78%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7747521 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 7747521 by changing the saturation by 10% instead.

■ 7747521

■ 7747521

16777215

■ 5840037

■ 11496442

■ 3932298

■ 13469439

■ 1704048

■ 15376895

■ 87

■ 16760319

■ 574

■ 16767487

■ 807

■ 16774911

■ 273

■ 0

■ 7747521

■ 7747521

■ 7087297

■ 8407745

■ 6361281

■ 9133761

■ 5767361

■ 9793985

■ 10519745

■ 11180225

■ 11905985

■ 12566209

■ 13291969

■ 13952449

Harmonies

Analogous

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



24033



7747521



12058759

Triad

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



7747521



9520896



29812

Complementary

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



7747521



8569143

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.



29228



7747521



5857280

Square

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



7747521



12061184



27904



29875

Rectangle

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



7747521



13107291



27904



29788

Sweetspot

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



7747521



14534138



3638209



7102077



16579836



8224125

Same Dimension

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



7747521



8725498



12203969



6051681



4784289



983073

Inverse Universe

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



12662658



16393112



4112695



6379356



10551383



2162706

Previews

White Background



This preview shows how the Decimal color 7747521 looks on a white background.

Color Contrast Check

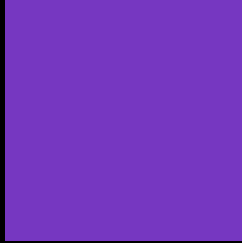
Large Text (above 18pt) WCAG AA ✓ Pass

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 7747521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

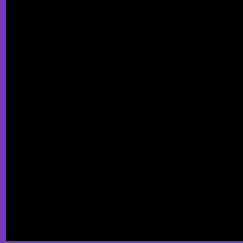
Any Text WCAG AA × Fail

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 7747521 Background



This preview shows how black text looks on a background with the Decimal color 7747521.

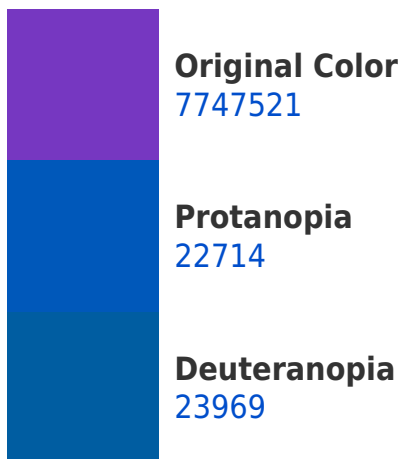


This preview shows how white text looks on a background with the Decimal color 7747521.

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
6379615

Trichromacy



Original Color
7747521

Protanomaly
2837693

Deuteranomaly
2838445

Tritanomaly
6900867

Monochromacy



Original Color
7747521

Achromatopsia
5921370

Achromatomaly
6573439

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7747521 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 #7637C1 looks like.

```
.text, #text, p{  
    color:#7637C1  
}
```

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 #7637C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7637C1
}
```

Border

The CSS property to change the border of an element to Decimal 7747521 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
#7637C1 }
```

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

```
.border{ border-color:#7637C1 }
```

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

Here you see how a box with a 4 pixel #7637C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7637C1; -webkit-box-shadow:4px 4px  
4px 4px #7637C1; box-shadow:4px 4px 4px  
4px #7637C1 }
```

Background

The CSS property to change the background color of an element to Decimal 7747521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7637C1 }
```

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

```
.background{ background-color:#7637C1 }
```

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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