

Converting Colors

Decimal(7762602)

Have a look what the booklet for
Decimal(7762602) contains.

Decimal(7762602)	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(7762602)

Conversions

Conversions Part 1

Format	Color
Hex	7672AA
RGB	118, 114, 170
RGB Percent	46%, 45%, 67%
CMY	0.5373, 0.5529, 0.3333
CMYK	0.31, 0.33, 0.00, 0.33
HSL	244°, 25%, 56%
HSV	244°, 33%, 67%
XYZ	20.7442, 18.7885, 40.5634
YIQ	121.5800, -15.5920, 18.2640

Conversions

Conversions Part 2

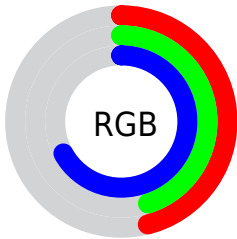
Format	Color
R_{YB}	118, 114, 170
Decimal	7762602
CIE _{Lab}	50.44, 14.67, -29.36
CIE _{LCh}	50, 32.818, 296.542
Yxy	18.7885, 0.2590, 0.2346
Android (android.graphics.Color)	4285952682 (0xFF7672AA)
YUV	121.5800, 23.8711, -3.1397
Hunter-Lab	43.3457, 9.5711, -25.1424

Details

The Decimal color **7762602** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10922610**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **11249378**, and **4407926** is the 20% darker color. If you saturate the color by 10%, you get **6709674**, and if you desaturate by 10%, it is **8815530**.

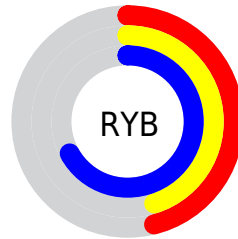
Distribution



Red (46%)

Green (45%)

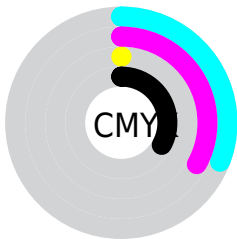
Blue (67%)



Red (46%)

Yellow (45%)

Blue (67%)

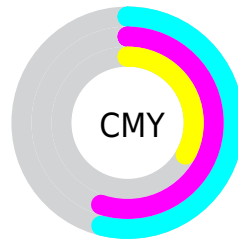


Cyan (31%)

Magenta (33%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7762602 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 7762602 by changing the saturation by 10% instead.

■ 7762602

■ 7762602

16777215

■ 6052495

■ 11249378

■ 4407926

■ 13091326

■ 2829405

■ 14999039

■ 1120325

■ 16775679

■ 46

■ 281

■ 0

■ 7762602

■ 7762602

■ 6709674

■ 8815530

■ 5656746

■ 9868458

■ 4669354

■ 10855850

■ 3616426

■ 11908778

■ 2563498

■ 12961706

■ 1510570

■ 14014634

■ 786602

■ 15002026

■ 16054954

■ 16777130

Harmonies

Analogous

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



4619439



7762602



9988247

Triad

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



7762602



10644298



2262644

Complementary

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



7762602



10922610

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.



5211224



7762602



9270592

Square

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



7762602



11363425



7372357



34448

Rectangle

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



7762602



10904454



7372357



3442282

Sweetspot

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



7762602



13224158



7513770



6579056



15790320



7368816

Same Dimension

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



7762602



9143774



9597610



5000276



721044



65556

Inverse Universe

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



11170470



14583256



9087602



5524564



9699465



1310739

Previews

White Background



This preview shows how the Decimal color 7762602 looks on a white background.

Color Contrast Check

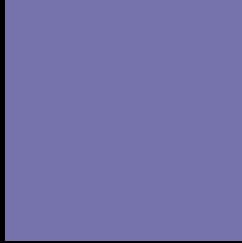
Large Text (above 18pt) WCAG AA ✓ Pass

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 7762602 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 7762602 Background



This preview shows how black text looks on a background with the Decimal color 7762602.



This preview shows how white text looks on a background with the Decimal color 7762602.

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



Original Color
7762602

Protanomaly
7108012

Deuteranomaly
7108009

Tritanomaly
7436177

Monochromacy



Original Color
7762602

Achromatopsia
8026746

Achromatomaly
7960459

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7762602 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 #7672AA looks like.

```
.text, #text, p{  
    color:#7672AA  
}
```

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 #7672AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7672AA
}
```

Border

The CSS property to change the border of an element to Decimal 7762602 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
#7672AA }
```

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

```
.border{ border-color:#7672AA }
```

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

Here you see how a box with a 4 pixel #7672AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7672AA; -webkit-box-shadow:4px 4px  
4px 4px #7672AA; box-shadow:4px 4px 4px  
4px #7672AA }
```

Background

The CSS property to change the background color of an element to Decimal 7762602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7672AA }
```

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

```
.background{ background-color:#7672AA }
```

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