

# Converting Colors

Decimal(7751260)

Have a look what the booklet for  
Decimal(7751260) contains.

<b>Decimal(7751260)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(7751260)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76465C
RGB	118, 70, 92
RGB Percent	46%, 27%, 36%
CMY	0.5373, 0.7255, 0.6392
CMYK	0.00, 0.41, 0.22, 0.54
HSL	332°, 26%, 37%
HSV	332°, 41%, 46%
XYZ	11.5931, 9.0046, 11.2522
YIQ	86.8600, 21.5460, 17.0180

# Conversions

## Conversions Part 2

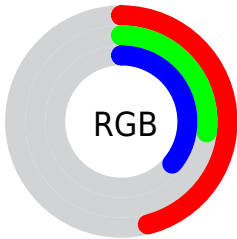
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 70, 92
Decimal	7751260
CIE Lab	35.99, 23.86, -4.21
CIE LCh	36, 24.226, 349.989
Yxy	9.0046, 0.3640, 0.2827
Android (android.graphics.Color)	4285941340 (0xFF76465C)
YUV	86.8600, 2.5340, 27.3098
Hunter-Lab	30.0076, 16.4483, -1.2272

# Details

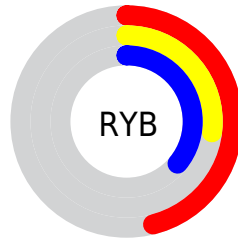
The Decimal color **7751260** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4617824**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **11237262**, and **4462638** is the 20% darker color. If you saturate the color by 10%, you get **7748182**, and if you desaturate by 10%, it is **7754338**.

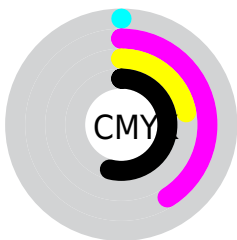
# Distribution



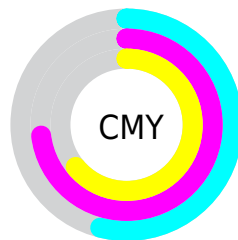
- Red (46%)
- Green (27%)
- Blue (36%)



- Red (46%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (54%)



- Cyan (54%)
- Magenta (73%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7751260 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 7751260 by changing the saturation by 10% instead.



■ 7751260

■ 7751260

16777215

■ 6106949

■ 11237262

■ 4462638

■ 13078953

■ 2949658

■ 14920900

■ 1048576

■ 16763104

■ 0

■ 16770300

■ 7751260

■ 7751260

■ 7748182

■ 7754338

■ 7745103

■ 7757417

7742281

7760239

7739202

7763318

7736124

7766396

7733302

7769474

7772553

7775375

7778454

# Harmonies

## Analogous

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



6769518



7751260



8013384

# Triad

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



7751260



5527599



23922

# Complementary

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



7751260



4617824

# 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.



24417



7751260



4086843

# Square

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



7751260



6770990



2318157



2840955

# Rectangle

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



7751260



7817533



2318157



24173



# Sweetspot

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



7751260



10061711



6309494



5063239



13421772



5066061



# Same Dimension

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



7751260



10047088



7751750



3880247



7995448



16384115



# Inverse Universe

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



7751260



10047088



4617334



3880247



7995448

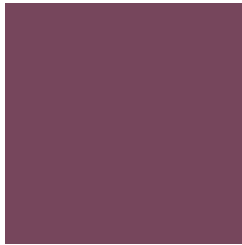


16384115



# Previews

## White Background



This preview shows how the Decimal color 7751260 looks on a white background.

## Color Contrast Check

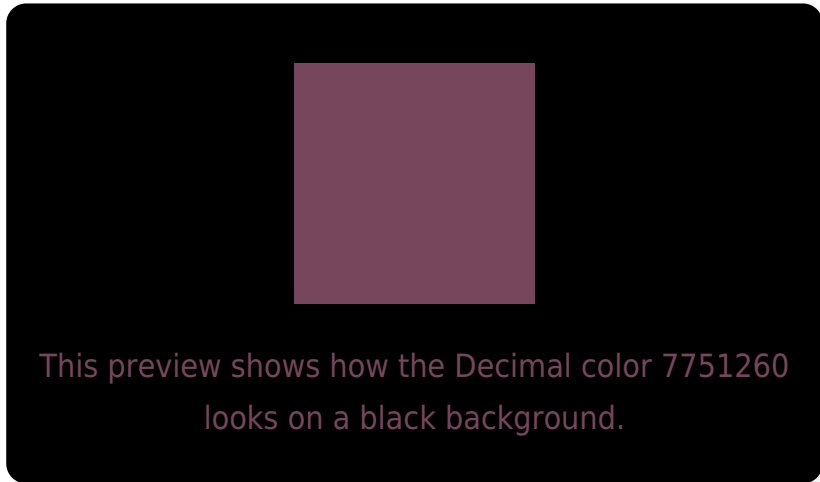
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

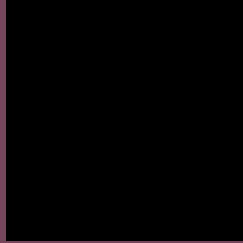
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7751260 Background



This preview shows how black text looks on a background with the Decimal color 7751260.



This preview shows how white text looks on a background with the Decimal color 7751260.

# 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



**Original Color**

7751260

**Protanopia**

5395557

**Deuteranopia**

5985114



**Tritanopia**  
7686478

# Trichromacy



**Original Color**

7751260

**Protanomaly**

6246242

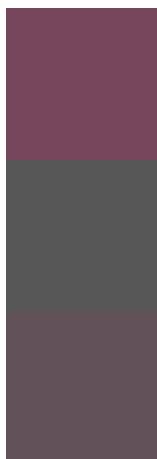
**Deuteranomaly**

6639195

**Tritanomaly**

7686227

# Monochromacy



**Original Color**

7751260

**Achromatopsia**

5723991

**Achromatomaly**

6443353

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7751260 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 #76465C looks like.

```
.text, #text, p{  
    color:#76465C  
}
```

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 #76465C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76465C
}
```

## Border

The CSS property to change the border of an element to Decimal 7751260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

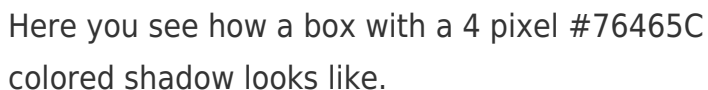
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76465C }
```

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

```
.border{ border-color:#76465C }
```

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



Here you see how a box with a 4 pixel #76465C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76465C; -webkit-box-shadow:4px 4px  
4px 4px #76465C; box-shadow:4px 4px 4px  
4px #76465C }
```

# Background

The CSS property to change the background color of an element to Decimal 7751260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76465C }
```

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

```
.background{ background-color:#76465C }
```

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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