

# Converting Colors

Decimal(7756114)

Have a look what the booklet for  
Decimal(7756114) contains.

<b>Decimal(7756114)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(7756114)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765952
RGB	118, 89, 82
RGB Percent	46%, 35%, 32%
CMY	0.5373, 0.6510, 0.6784
CMYK	0.00, 0.25, 0.31, 0.54
HSL	12°, 18%, 39%
HSV	12°, 31%, 46%
XYZ	12.5666, 11.6055, 9.5604
YIQ	96.8730, 19.5310, 3.9710

# Conversions

## Conversions Part 2

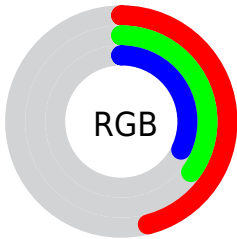
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 91, 82
Decimal	7756114
CIE Lab	40.58, 10.83, 8.66
CIE LCh	41, 13.869, 38.650
Yxy	11.6055, 0.3725, 0.3440
Android (android.graphics.Color)	4285946194 (0xFF765952)
YUV	96.8730, -7.3324, 18.5284
Hunter-Lab	34.0669, 6.2281, 7.2079

# Details

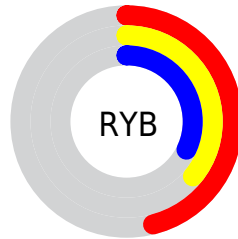
The Decimal color **7756114** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5402486**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **11242371**, and **4533029** is the 20% darker color. If you saturate the color by 10%, you get **7753542**, and if you desaturate by 10%, it is **7758686**.

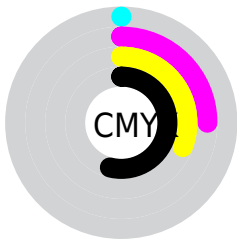
# Distribution



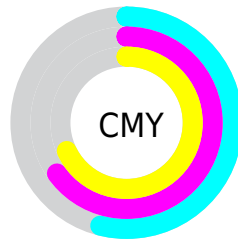
- Red (46%)
- Green (35%)
- Blue (32%)



- Red (46%)
- Yellow (36%)
- Blue (32%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7756114 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 7756114 by changing the saturation by 10% instead.





7756114



7756114

16777215



6111803



11242371



4533029



13018525



2955025



14926264



1638400



16768212



0



16775664



7756114



7756114



7753542



7758686



7751226



7761002

■ 7748655

■ 7763573

■ 7746339

■ 7765889

■ 7743767

■ 7768461

■ 7741451

■ 7770777

■ 7739136

■ 7773349

■ 7775664

■ 7778236

# Harmonies

## Analogous

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



7821405



7756114



7363659

# Triad

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



7756114



5006679



5726326

# Complementary

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



7756114



5402486

# 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.



4809588



7756114



4351587

# Square

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



7756114



5792590



4285805



6708337

# Rectangle

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



7756114



6905673



4285805



5398902



# Sweetspot

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



7756114



10063499



7754351



5064260



13421772



5066061



# Same Dimension

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



7756114



10054496



7760722



3880501



8001536



16396544



# Inverse Universe

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



5402486



6327961



5397878



3488315



25466



51706



# Previews

## White Background



This preview shows how the Decimal color 7756114 looks on a white background.

## Color Contrast Check

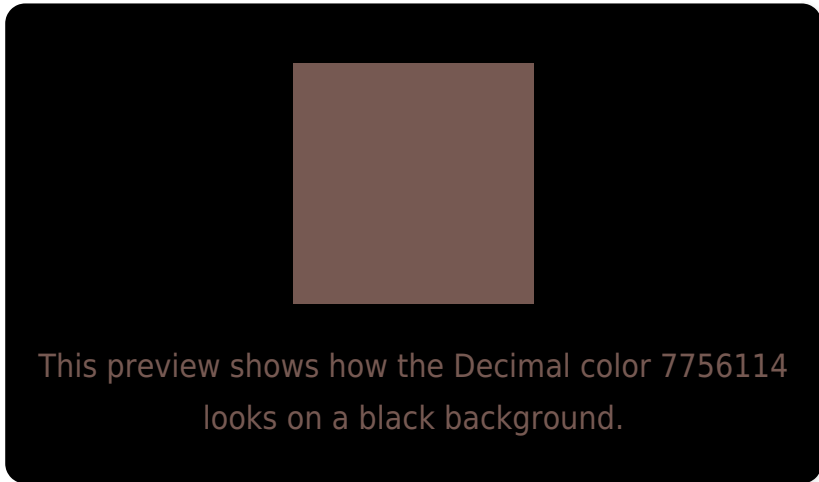
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 7756114 Background



This preview shows how black text looks on a background with the Decimal color 7756114.

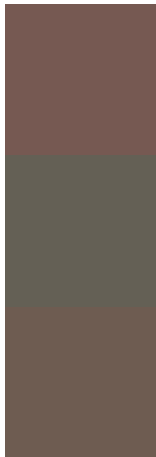


This preview shows how white text looks on a background with the Decimal color 7756114.

# 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**  
7756114

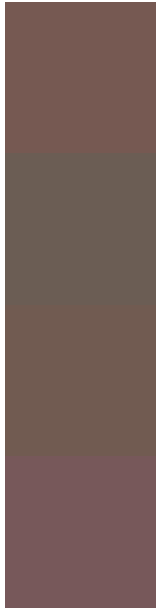
**Protanopia**  
6578261

**Deuteranopia**  
7232593



**Tritanopia**  
7821150

# Trichromacy



**Original Color**  
7756114

**Protanomaly**  
7036244

**Deuteranomaly**  
7428945

**Tritanomaly**  
7821402

# Monochromacy



**Original Color**  
7756114

**Achromatopsia**  
6381921

**Achromatomaly**  
6905436

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7756114 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 #765952 looks like.

```
.text, #text, p{  
    color:#765952  
}
```

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 #765952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765952
}
```

## Border

The CSS property to change the border of an element to Decimal 7756114 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
#765952 }
```

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

```
.border{ border-color:#765952 }
```

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

Here you see how a box with a 4 pixel #765952 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765952; -webkit-box-shadow:4px 4px  
4px 4px #765952; box-shadow:4px 4px 4px  
4px #765952 }
```

# Background

The CSS property to change the background color of an element to Decimal 7756114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765952 }
```

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

```
.background{ background-color:#765952 }
```

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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