

Converting Colors

Decimal(7764566)

Have a look what the booklet for
Decimal(7764566) contains.

Decimal(7764566)	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(7764566)

Conversions

Conversions Part 1

Format	Color
Hex	767A56
RGB	118, 122, 86
RGB Percent	46%, 48%, 34%
CMY	0.5373, 0.5216, 0.6627
CMYK	0.03, 0.00, 0.30, 0.52
HSL	67°, 17%, 41%
HSV	67°, 30%, 48%
XYZ	16.1105, 18.4425, 11.5147
YIQ	116.7000, 9.1720, -12.0440

Conversions

Conversions Part 2

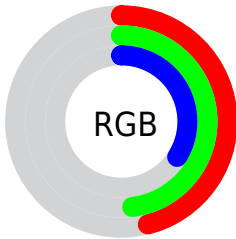
Format	Color
RYB	86, 122, 90
Decimal	7764566
CIELab	50.03, -7.89, 19.26
CIElCh	50, 20.818, 112.285
Yxy	18.4425, 0.3497, 0.4003
Android (android.graphics.Color)	4285954646 (0xFF767A56)
YUV	116.7000, -15.1351, 1.1401
Hunter-Lab	42.9447, -8.1901, 14.1639

Details

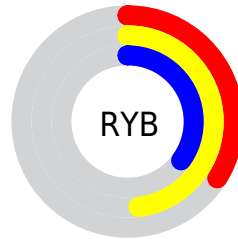
The Decimal color **7764566** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5920378**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **11251336**, and **4540712** is the 20% darker color. If you saturate the color by 10%, you get **7699018**, and if you desaturate by 10%, it is **7830114**.

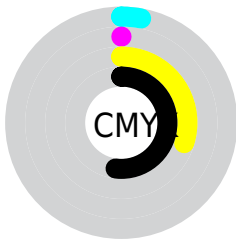
Distribution



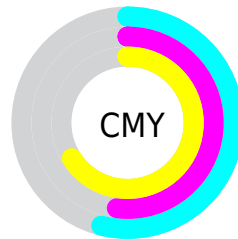
- Red (46%)
- Green (48%)
- Blue (34%)



- Red (34%)
- Yellow (48%)
- Blue (35%)



- Cyan (3%)
- Magenta (0%)
- Yellow (30%)
- Black (52%)



- Cyan (54%)
- Magenta (52%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7764566 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 7764566 by changing the saturation by 10% instead.



7764566



7764566

16777215



6119743



11251336



4540712



13028002



3027731



14870205



1711616



16777177



0



16777206



7764566



7764566



7699018



7830114



7567934



7961198

■ 7502385

■ 8026747

■ 7436837

■ 8092295

■ 7305753

■ 8223379

■ 7240205

■ 8288927

■ 7174657

■ 8354475

■ 7109120

■ 8485560

■ 8551108

Harmonies

Analogous

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



8942676



7764566



6454881

Triad

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



7764566



4619922



9923196

Complementary

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



7764566



5920378

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.



9006733



7764566



5929626

Square

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



7764566



4358532



7632024



10185578

Rectangle

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



7764566



5537900



7632024



9726850

Sweetspot

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



7764566



10329744



8018518



5132102



13619151



5197647

Same Dimension

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



7764566



10002023



6584918



4013367



7306496



14744576

Inverse Universe

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



5920378



7169950



7100026



3684157



917629



1835260

Previews

White Background



This preview shows how the Decimal color 7764566 looks on a white background.

Color Contrast Check

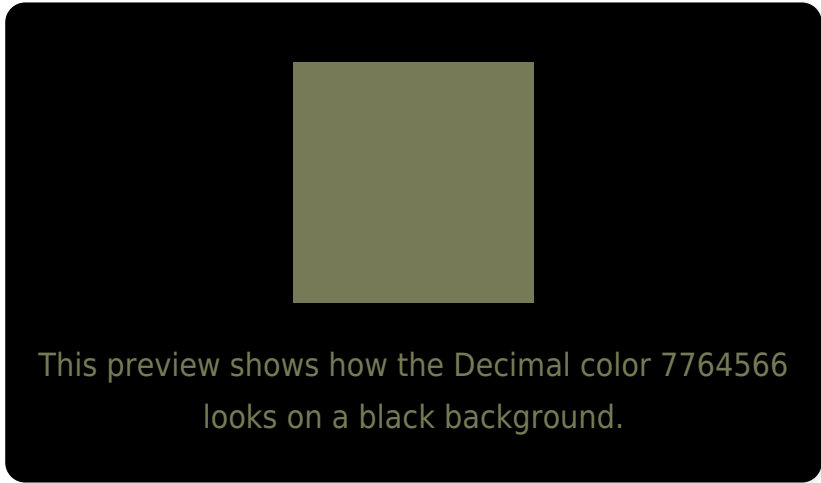
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

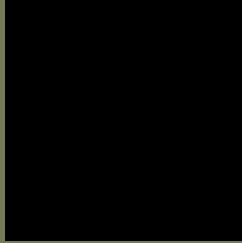
Any Text WCAG AA ✓ Pass

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 7764566 Background



This preview shows how black text looks on a background with the Decimal color 7764566.



This preview shows how white text looks on a background with the Decimal color 7764566.

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
7764566

Protanopia
8419157

Deuteranopia
9269848



Tritanopia
8091006

Trichromacy



Original Color
7764566

Protanomaly
8157269

Deuteranomaly
8746327

Tritanomaly
7960431

Monochromacy



Original Color
7764566

Achromatopsia
7697781

Achromatomaly
7698282

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7764566 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 #767A56 looks like.

```
.text, #text, p{  
  color:#767A56  
}
```

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 #767A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767A56
}
```

Border

The CSS property to change the border of an element to Decimal 7764566 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
#767A56 }
```

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

```
.border{ border-color:#767A56 }
```

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

Here you see how a box with a 4 pixel #767A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767A56; -webkit-box-shadow:4px 4px  
4px 4px #767A56; box-shadow:4px 4px 4px  
4px #767A56 }
```

Background

The CSS property to change the background color of an element to Decimal 7764566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767A56 }
```

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

```
.background{ background-color:#767A56 }
```

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