

Converting Colors

Decimal(7775826)

Have a look what the booklet for
Decimal(7775826) contains.

Decimal(7775826)	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(7775826)

Conversions

Conversions Part 1

Format	Color
Hex	76A652
RGB	118, 166, 82
RGB Percent	46%, 65%, 32%
CMY	0.5373, 0.3490, 0.6784
CMYK	0.29, 0.00, 0.51, 0.35
HSL	94°, 34%, 49%
HSV	94°, 51%, 65%
XYZ	22.6304, 31.7332, 12.9150
YIQ	142.0720, -1.6440, -36.3000

Conversions

Conversions Part 2

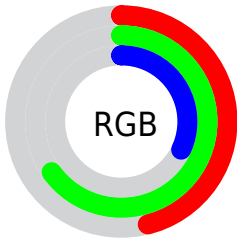
Format	Color
RYB	82, 166, 130
Decimal	7775826
CIELab	63.12, -31.14, 38.15
CIElCh	63, 49.247, 129.225
Yxy	31.7332, 0.3364, 0.4717
Android (android.graphics.Color)	4285965906 (0xFF76A652)
YUV	142.0720, -29.6155, -21.1111
Hunter-Lab	56.3322, -26.8723, 25.8394

Details

The Decimal color **7775826** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8540838**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **11328901**, and **4354593** is the 20% darker color. If you saturate the color by 10%, you get **7185985**, and if you desaturate by 10%, it is **8365667**.

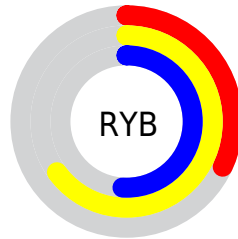
Distribution



Red (46%)

Green (65%)

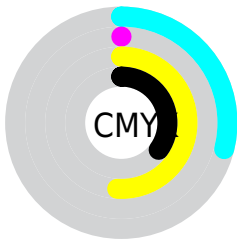
Blue (32%)



Red (32%)

Yellow (65%)

Blue (51%)

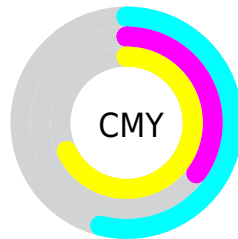


Cyan (29%)

Magenta (0%)

Yellow (51%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7775826 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 7775826 by changing the saturation by 10% instead.



7775826



7775826

16777215



6064953



11328901



4354593



13171360



2644229



15073211



934144



16777176



11008



16777204



4864



0



7775826



7775826



7185985



8365667

6530609

9021043

5940768

9610884

5285392

10266260

4695552

10856101

11511478

12101318

12756695

13346535

Harmonies

Analogous

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



10853182



7775826



3255672

Triad

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



7775826



42730



15365005

Complementary

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



7775826



8540838

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.



14252217



7775826



6658543

Square

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



7775826



44495



11438301



14974052

Rectangle

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



7775826



44950



11438301



15168412

Sweetspot

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



7775826



13031864



10912338



6450778



15592941



7237230

Same Dimension

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



7775826



9296213



5416536



5198924



4166656



594944

Inverse Universe

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



8540838



10507737



10900128



5327956



5570708



786452

Previews

White Background



This preview shows how the Decimal color 7775826 looks on a white background.

Color Contrast Check

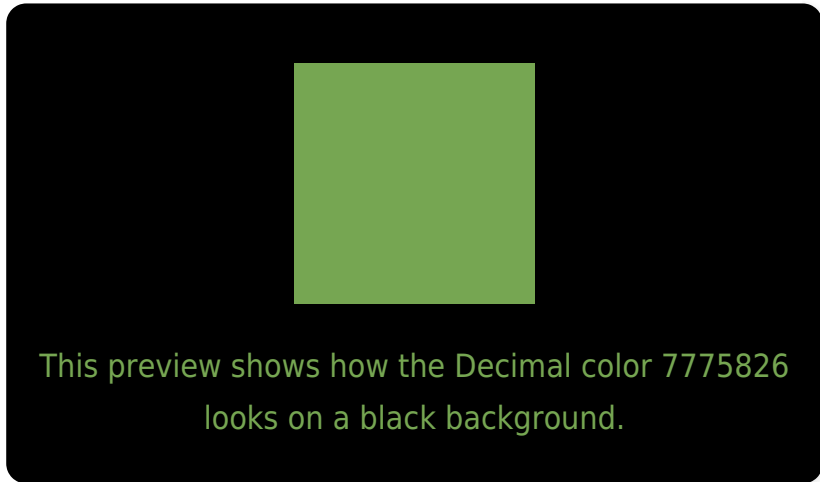
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

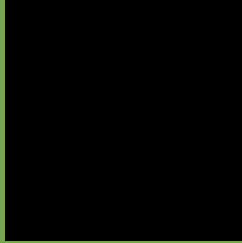
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 7775826 Background



This preview shows how black text looks on a background with the Decimal color 7775826.



This preview shows how white text looks on a background with the Decimal color 7775826.

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
8625321

Trichromacy



Original Color
7775826

Protanomaly
9870671

Deuteranomaly
10590549

Tritanomaly
8298633

Monochromacy



Original Color
7775826

Achromatopsia
9342606

Achromatomaly
8755064

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7775826 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 #76A652 looks like.

```
.text, #text, p{  
    color:#76A652  
}
```

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 #76A652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A652
}
```

Border

The CSS property to change the border of an element to Decimal 7775826 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
#76A652 }
```

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

```
.border{ border-color:#76A652 }
```

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

Here you see how a box with a 4 pixel #76A652 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A652; -webkit-box-shadow:4px 4px  
4px 4px #76A652; box-shadow:4px 4px 4px  
4px #76A652 }
```

Background

The CSS property to change the background color of an element to Decimal 7775826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A652 }
```

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

```
.background{ background-color:#76A652 }
```

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