

# Converting Colors

Decimal(7775022)

Have a look what the booklet for  
Decimal(7775022) contains.

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**Color**

**Decimal(7775022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A32E
RGB	118, 163, 46
RGB Percent	46%, 64%, 18%
CMY	0.5373, 0.3608, 0.8196
CMYK	0.28, 0.00, 0.72, 0.36
HSL	83°, 56%, 41%
HSV	83°, 72%, 64%
XYZ	21.0615, 30.2432, 7.3122
YIQ	136.2070, 10.7370, -45.9270

# Conversions

## Conversions Part 2

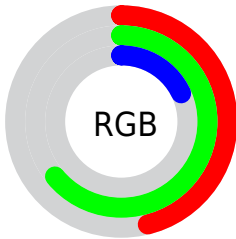
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">46, 163, 91</a>
Decimal	<a href="#">7775022</a>
CIELab	<a href="#">61.86, -33.05, 52.95</a>
CIElCh	<a href="#">62, 62.422, 121.971</a>
Yxy	<a href="#">30.2432, 0.3593, 0.5159</a>
Android (android.graphics.Color)	<a href="#">4285965102 (0xFF76A32E)</a>
YUV	<a href="#">136.2070, -44.4721, -15.9675</a>
Hunter-Lab	<a href="#">54.9938, -27.8772, 30.6122</a>

# Details

The Decimal color **7775022** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5975715**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **11393635**, and **4222720** is the 20% darker color. If you saturate the color by 10%, you get **7381790**, and if you desaturate by 10%, it is **8168254**.

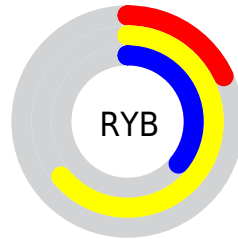
# Distribution



Red (46%)

Green (64%)

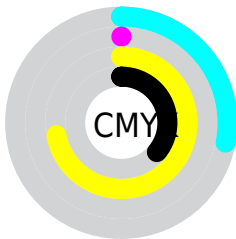
Blue (18%)



Red (18%)

Yellow (64%)

Blue (36%)

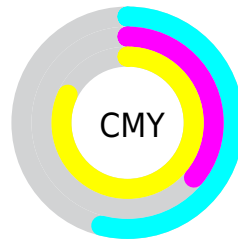


Cyan (28%)

Magenta (0%)

Yellow (72%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7775022 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 7775022 by changing the saturation by 10% instead.





7775022



7775022

16777215



5998862



11393635



4222720



13301630



2512384



15204249



212736



16777141



10496



16777169



3328



16777198



0



7775022



7775022



7381790



8168254

■ 6923021

■ 8627023

■ 6595328

■ 9020255

■ 9413487

■ 9806719

■ 10265488

■ 10658720

■ 11051952

■ 11445185

# Harmonies

## Analogous

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



11441173



7775022



175199

# Triad

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



7775022



43255



16212116

# Complementary

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



7775022



5975715

# 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.



14380490



7775022



39935

# Square

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



7775022



45007



10126836



16083294

# Rectangle

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



7775022



44932



10126836



15819431



# Sweetspot

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



7775022



12768421



10705710



6318927



15461355



7039851



# Same Dimension

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



7775022



9360414



3973934



5132873



5869824



725504



# Inverse Universe

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



5975715



6561492



9776803



5065042



3670161



458770



# Previews

## White Background



This preview shows how the Decimal color 7775022 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



This preview shows how the Decimal color 7775022 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 ✓ Pass

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



## Decimal 7775022 Background



This preview shows how black text looks on a background with the Decimal color 7775022.



This preview shows how white text looks on a background with the Decimal color 7775022.

# 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**  
7775022

**Protanopia**  
10982698

**Deuteranopia**  
12225846

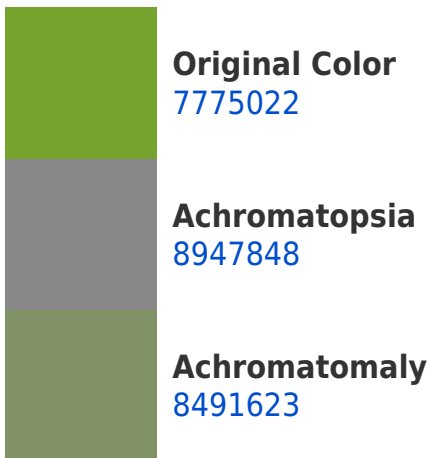


**Tritanopia**  
8689828

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7775022 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 #76A32E looks like.

```
.text, #text, p{  
    color:#76A32E  
}
```

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 #76A32E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A32E
}
```

## Border

The CSS property to change the border of an element to Decimal 7775022 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
#76A32E }
```

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

```
.border{ border-color:#76A32E }
```

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

Here you see how a box with a 4 pixel #76A32E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A32E; -webkit-box-shadow:4px 4px  
4px 4px #76A32E; box-shadow:4px 4px 4px  
4px #76A32E }
```

# Background

The CSS property to change the background color of an element to Decimal 7775022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A32E }
```

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

```
.background{ background-color:#76A32E }
```

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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