

# Converting Colors

Decimal(7645021)

Have a look what the booklet for  
Decimal(7645021) contains.

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# **Color**

**Decimal(7645021)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74A75D
RGB	116, 167, 93
RGB Percent	45%, 65%, 36%
CMY	0.5451, 0.3451, 0.6353
CMYK	0.31, 0.00, 0.44, 0.35
HSL	101°, 30%, 51%
HSV	101°, 44%, 65%
XYZ	22.9970, 32.1408, 15.3476
YIQ	143.3150, -6.6420, -33.8260

# Conversions

## Conversions Part 2

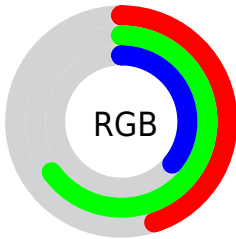
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 167, 144
Decimal	7645021
CIELab	63.46, -30.93, 32.91
CIELCh	63, 45.167, 133.223
Yxy	32.1408, 0.3263, 0.4560
Android (android.graphics.Color)	4285835101 (0xFF74A75D)
YUV	143.3150, -24.8053, -23.9553
Hunter-Lab	56.6928, -26.8054, 23.6342

# Details

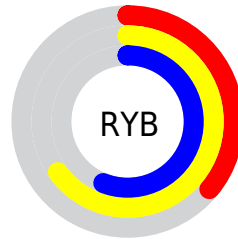
The Decimal color **7645021** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9461159**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **11198096**, and **4289325** is the 20% darker color. If you saturate the color by 10%, you get **6858572**, and if you desaturate by 10%, it is **8431470**.

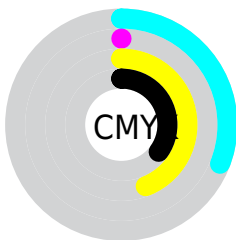
# Distribution



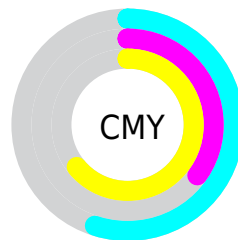
- Red (45%)
- Green (65%)
- Blue (36%)



- Red (36%)
- Yellow (65%)
- Blue (56%)



- Cyan (31%)
- Magenta (0%)
- Yellow (44%)
- Black (35%)



- Cyan (55%)
- Magenta (35%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7645021 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 7645021 by changing the saturation by 10% instead.





7645021



7645021

16777215



5934148



11198096



4289325



13040555



2578965



14876615



737792



16777187



11008



5120



0



7645021



7645021



6858572



8431470

■ 6137660

■ 9152382

■ 5351211

■ 9938831

■ 4630298

■ 10659744

■ 3843849

■ 11446192

■ 3450624

■ 12167105

■ 12953554

■ 13674467

■ 14460915

# Harmonies

## Analogous

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



10591561



7645021



3583361

# Triad

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



7645021



42214



15104137

# Complementary

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



7645021



9461159

# 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.



14252978



7645021



7837928

# Square

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



7645021



44240



11831509



14582116

# Rectangle

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



7645021



44701



11831509



14973079



# Sweetspot

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



7645021



12966333



10981469



6450780



15592941



7237230



# Same Dimension

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



7645021



9099622



6137707



5133388



3052544



398336



# Inverse Universe

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



9461159



11888345



10968473



5393492



6684820



917524



# Previews

## White Background



This preview shows how the Decimal color 7645021 looks on a white background.

## Color Contrast Check

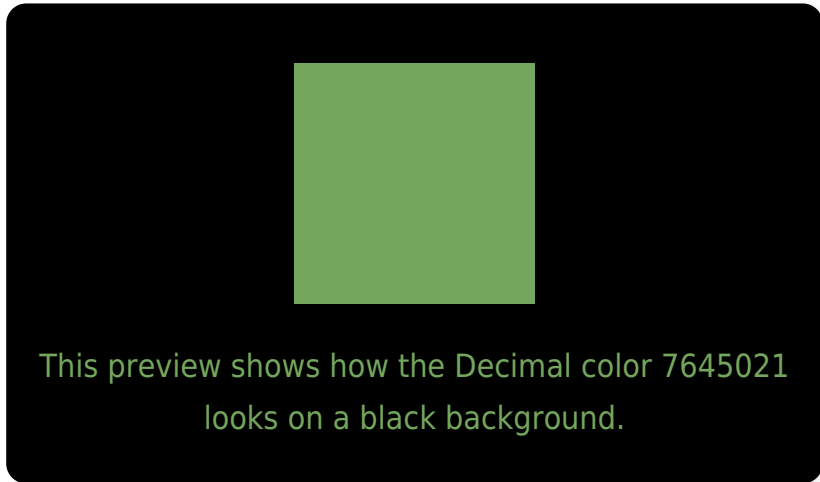
Large Text (above 18pt) WCAG AA × Fail

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 7645021 Background



This preview shows how black text looks on a background with the Decimal color 7645021.




This preview shows how white text looks on a background with the Decimal color 7645021.

# 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



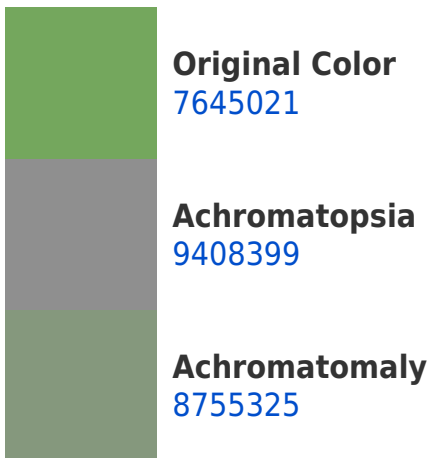


**Tritanopia**  
8494763

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7645021 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 #74A75D looks like.

```
.text, #text, p{  
  color:#74A75D  
}
```

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 #74A75D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A75D
}
```

## Border

The CSS property to change the border of an element to Decimal 7645021 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
#74A75D }
```

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

```
.border{ border-color:#74A75D }
```

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

Here you see how a box with a 4 pixel #74A75D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A75D; -webkit-box-shadow:4px 4px  
4px 4px #74A75D; box-shadow:4px 4px 4px  
4px #74A75D }
```

# Background

The CSS property to change the background color of an element to Decimal 7645021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A75D }
```

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

```
.background{ background-color:#74A75D }
```

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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