

# Converting Colors

Decimal(7720043)

Have a look what the booklet for  
Decimal(7720043) contains.

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# **Color**

**Decimal(7720043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75CC6B
RGB	117, 204, 107
RGB Percent	46%, 80%, 42%
CMY	0.5412, 0.2000, 0.5804
CMYK	0.43, 0.00, 0.48, 0.20
HSL	114°, 49%, 61%
HSV	114°, 48%, 80%
XYZ	31.5828, 48.0292, 21.5159
YIQ	166.9290, -20.7150, -48.6110

# Conversions

## Conversions Part 2

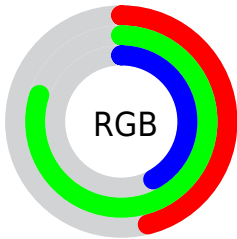
Format	Color
<a href="#">RYB</a>	<a href="#">107, 204, 194</a>
Decimal	<a href="#">7720043</a>
CIELab	<a href="#">74.84, -45.25, 40.13</a>
CIELCh	<a href="#">75, 60.483, 138.428</a>
Yxy	<a href="#">48.0292, 0.3123, 0.4749</a>
Android (android.graphics.Color)	<a href="#">4285910123 (0xFF75CC6B)</a>
YUV	<a href="#">166.9290, -29.5450, -43.7877</a>
Hunter-Lab	<a href="#">69.3031, -39.9343, 30.1049</a>

# Details

The Decimal color **7720043** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12741580**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **11403168**, and **4035897** is the 20% darker color. If you saturate the color by 10%, you get **6540375**, and if you desaturate by 10%, it is **8899711**.

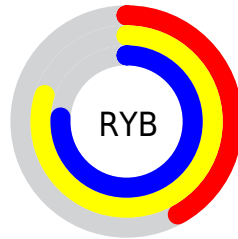
# Distribution



Red (46%)

Green (80%)

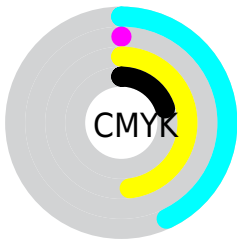
Blue (42%)



Red (42%)

Yellow (80%)

Blue (76%)

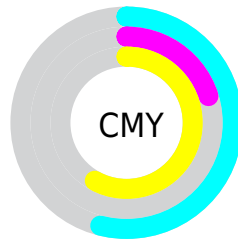


Cyan (43%)

Magenta (0%)

Yellow (48%)

Black (20%)



Cyan (54%)

Magenta (20%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7720043 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 7720043 by changing the saturation by 10% instead.



 7720043

 7720043

16777215

 5877842

 11403168

 4035897

 13303739

 1866527

 15204312

 24834

 16777204

 18432

 12544

 6656

 0

 7720043

 7720043

■ 6540375

■ 8899711

■ 5295170

■ 10144916

■ 4115502

■ 11324584

■ 2935833

■ 12504253

■ 1756165

■ 13683921

■ 1428480

■ 14929125

■ 16108794

■ 16764159

# Harmonies

## Analogous

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



11976776



7720043



53920

# Triad

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



7720043



50687



16746904

# Complementary

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



7720043



12741580

# 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.



16747216



7720043



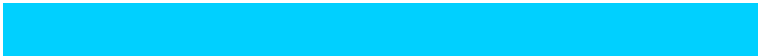
9876223

# Square

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



7720043



53503



15178751



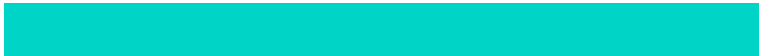
16750695

# Rectangle

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



7720043



54471



15178751



16746411

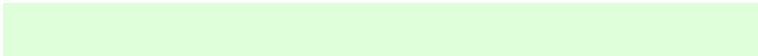


# Sweetspot

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



7720043



14680027



13418859



7110762



0



8421504



# Same Dimension

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



7720043



8257390



7064720



6121052



1156608



271872



# Inverse Universe

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



12741580



15757055



13396903



6642790



9765030



2228262



# Previews

## White Background



This preview shows how the Decimal color 7720043 looks on a white background.

## Color Contrast Check

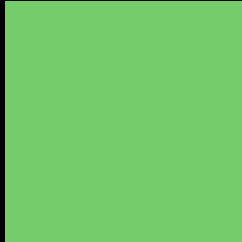
Large Text (above 18pt) WCAG AA × Fail

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 7720043 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 7720043 Background



This preview shows how black text looks on a background with the Decimal color 7720043.

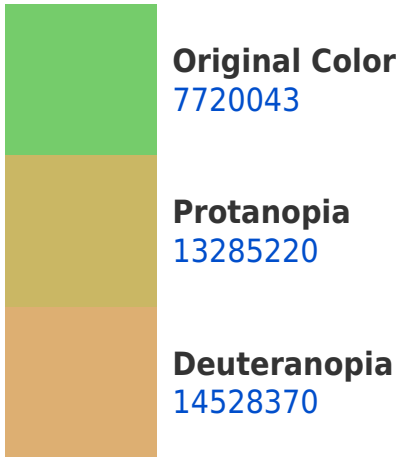


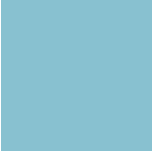
This preview shows how white text looks on a background with the Decimal color 7720043.

# 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**  
8962512

# Trichromacy



**Original Color**

7720043



**Protanomaly**

11255655



**Deuteranomaly**

12040815



**Tritanomaly**

8504747

# Monochromacy



**Original Color**

7720043



**Achromatopsia**

10987431



**Achromatomaly**

9811089

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7720043 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 #75CC6B looks like.

```
.text, #text, p{  
    color:#75CC6B  
}
```

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 #75CC6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CC6B
}
```

## Border

The CSS property to change the border of an element to Decimal 7720043 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
#75CC6B }
```

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

```
.border{ border-color:#75CC6B }
```

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

Here you see how a box with a 4 pixel #75CC6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CC6B; -webkit-box-shadow:4px 4px  
4px 4px #75CC6B; box-shadow:4px 4px 4px  
4px #75CC6B }
```

# Background

The CSS property to change the background color of an element to Decimal 7720043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CC6B }
```

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

```
.background{ background-color:#75CC6B }
```

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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