

# Converting Colors

Decimal(7656295)

Have a look what the booklet for  
Decimal(7656295) contains.

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# **Color**

**Decimal(7656295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74D367
RGB	116, 211, 103
RGB Percent	45%, 83%, 40%
CMY	0.5451, 0.1725, 0.5961
CMYK	0.45, 0.00, 0.51, 0.17
HSL	113°, 55%, 62%
HSV	113°, 51%, 83%
XYZ	32.9449, 51.2808, 20.9938
YIQ	170.2830, -21.9520, -53.7280

# Conversions

## Conversions Part 2

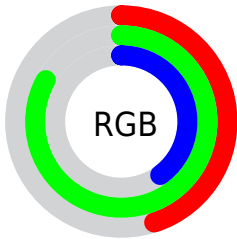
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 211, 198</a>
Decimal	<a href="#">7656295</a>
CIELab	<a href="#">76.85, -48.98, 44.54</a>
CIELCh	<a href="#">77, 66.208, 137.719</a>
Yxy	<a href="#">51.2808, 0.3131, 0.4874</a>
Android (android.graphics.Color)	<a href="#">4285846375 (0xFF74D367)</a>
YUV	<a href="#">170.2830, -33.1705, -47.6062</a>
Hunter-Lab	<a href="#">71.6106, -43.1986, 32.7456</a>

# Details

The Decimal color **7656295** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **13002707**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **11403164**, and **3841076** is the 20% darker color. If you saturate the color by 10%, you get **6411090**, and if you desaturate by 10%, it is **8901500**.

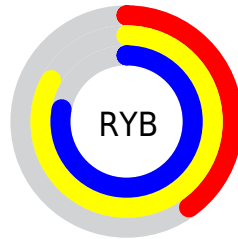
# Distribution



Red (45%)

Green (83%)

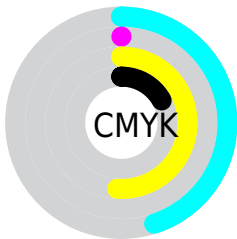
Blue (40%)



Red (40%)

Yellow (83%)

Blue (78%)

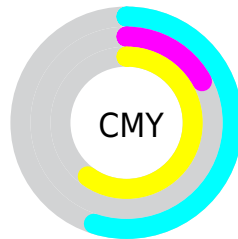


Cyan (45%)

Magenta (0%)

Yellow (51%)

Black (17%)



Cyan (55%)

Magenta (17%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7656295 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 7656295 by changing the saturation by 10% instead.





7656295



7656295

16777215



5748557



11403164



3841076



13303736



1343769



15204308



26368



16777201



19968



13824



8192



0



7656295



7656295

■ 6411090

■ 8901500

■ 5231421

■ 10081169

■ 3986216

■ 11326374

■ 2806547

■ 12506043

■ 1692416

■ 13751249

■ 14930918

■ 16176123

■ 16765951

# Harmonies

## Analogous

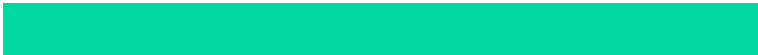
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12371519



7656295



55970

# Triad

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



7656295



52479



16746652

# Complementary

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



7656295



13002707

# 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.



16746970



7656295



9615615

# Square

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



7656295



55295



15703807



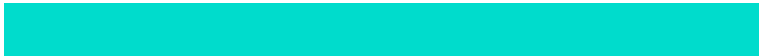
16751205

# Rectangle

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



7656295



56524



15703807



16746160

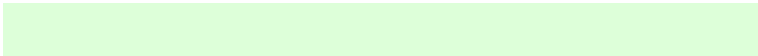


# Sweetspot

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



7656295



14548953



13878631



7045225



0



8421504



# Same Dimension

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



7656295



7798627



6804367



6252894



1353728



338176



# Inverse Universe

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



13002707



15492095



13854635



6774377



9699496



2359337



# Previews

## White Background



This preview shows how the Decimal color 7656295 looks on a white background.

## Color Contrast Check

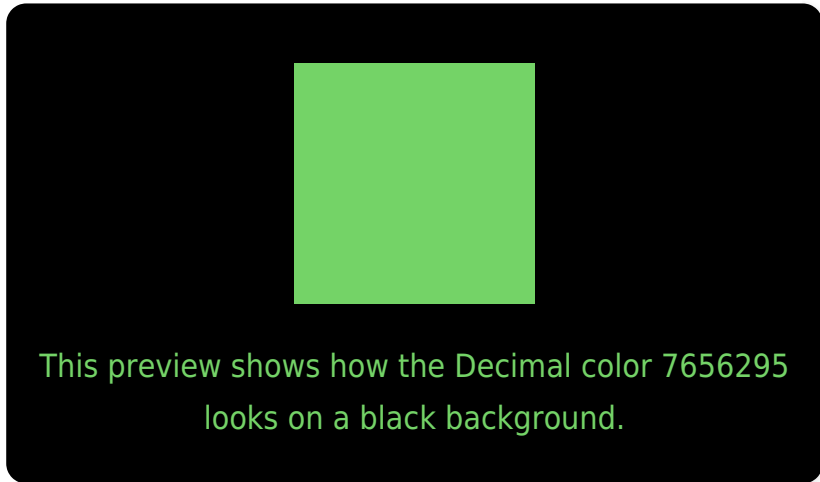
Large Text (above 18pt) WCAG AA × Fail

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 7656295 Background



This preview shows how black text looks on a background with the Decimal color 7656295.



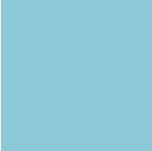
This preview shows how white text looks on a background with the Decimal color 7656295.

# 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





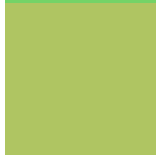
**Tritanopia**  
9095127

# Trichromacy



**Original Color**

7656295



**Protanomaly**

11519330



**Deuteranomaly**

12369772



**Tritanomaly**

8571822

# Monochromacy



**Original Color**

7656295



**Achromatopsia**

11184810



**Achromatomaly**

9877906

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7656295 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 #74D367 looks like.

```
.text, #text, p{  
  color:#74D367  
}
```

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 #74D367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D367
}
```

## Border

The CSS property to change the border of an element to Decimal 7656295 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
#74D367 }
```

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

```
.border{ border-color:#74D367 }
```

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

Here you see how a box with a 4 pixel #74D367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D367; -webkit-box-shadow:4px 4px  
4px 4px #74D367; box-shadow:4px 4px 4px  
4px #74D367 }
```

# Background

The CSS property to change the background color of an element to Decimal 7656295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D367 }
```

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

```
.background{ background-color:#74D367 }
```

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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