

# Converting Colors

Decimal(7650113)

Have a look what the booklet for  
Decimal(7650113) contains.

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**Color**

**Decimal(7650113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74BB41
RGB	116, 187, 65
RGB Percent	45%, 73%, 25%
CMY	0.5451, 0.2667, 0.7451
CMYK	0.38, 0.00, 0.65, 0.27
HSL	95°, 48%, 49%
HSV	95°, 65%, 73%
XYZ	25.9269, 39.6353, 11.2849
YIQ	151.8630, -3.1540, -52.9940

# Conversions

## Conversions Part 2

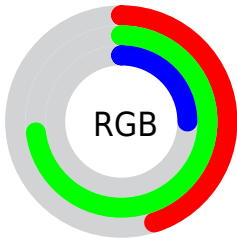
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 187, 136
Decimal	7650113
CIELab	69.21, -43.01, 52.97
CIElCh	69, 68.230, 129.077
Yxy	39.6353, 0.3374, 0.5158
Android (android.graphics.Color)	4285840193 (0xFF74BB41)
YUV	151.8630, -42.8235, -31.4519
Hunter-Lab	62.9566, -36.6637, 33.4419

# Details

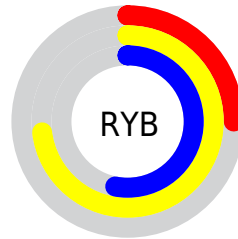
The Decimal color **7650113** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8929723**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **11334774**, and **3966208** is the 20% darker color. If you saturate the color by 10%, you get **6929198**, and if you desaturate by 10%, it is **8371028**.

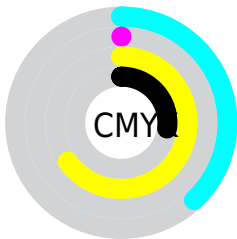
# Distribution



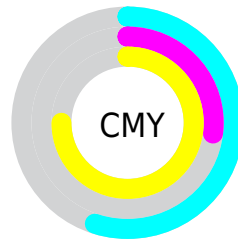
- Red (45%)
- Green (73%)
- Blue (25%)



- Red (25%)
- Yellow (73%)
- Blue (53%)



- Cyan (38%)
- Magenta (0%)
- Yellow (65%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7650113 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 7650113 by changing the saturation by 10% instead.





7650113



7650113

16777215



5808165



11334774



3966208



13238161



1862400



15138733



20992



16777161



14848



16777190



9728



0



7650113



7650113



6929198



8371028

■ 6208284

■ 9091942

■ 5487369

■ 9812857

■ 5159680

■ 10533772

■ 11189150

■ 11910065

■ 12630980

■ 13351895

■ 14072809

# Harmonies

## Analogous

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



12037147



7650113



50042

# Triad

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



7650113



48127



16739737

# Complementary

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



7650113



8929723

# 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.



16742102



7650113



4369151

# Square

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



7650113



50422



12882175



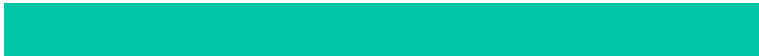
16743518

# Rectangle

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



7650113



50853



12882175



16739758

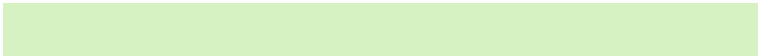


# Sweetspot

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



7650113



14086850



12289601



6912605



16448250



8026746



# Same Dimension

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



7650113



8712757



4307785



5856853



4365824



859904



# Inverse Universe

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



8929723



10696178



12272051



5920094



6029470



1179679



# Previews

## White Background



This preview shows how the Decimal color 7650113 looks on a white background.

## Color Contrast Check

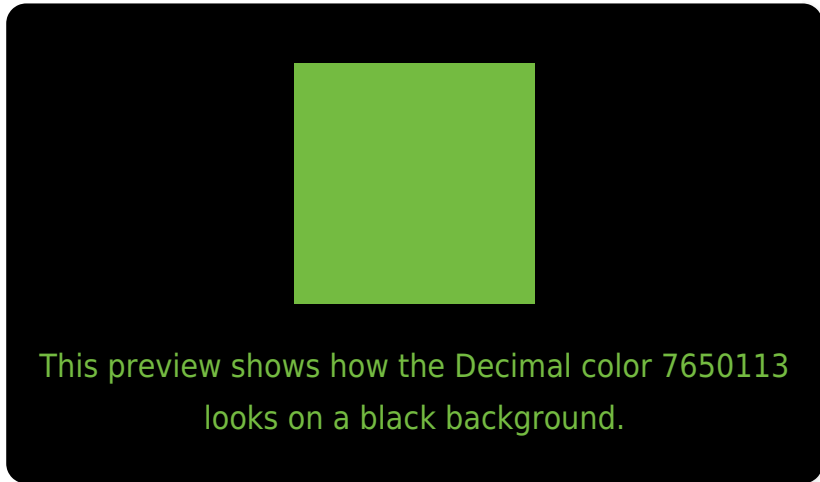
Large Text (above 18pt) WCAG AA × Fail

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 7650113 Background



This preview shows how black text looks on a background with the Decimal color 7650113.



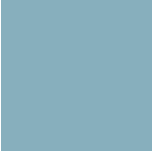
This preview shows how white text looks on a background with the Decimal color 7650113.

# 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**  
8892349

# Trichromacy



**Original Color**  
7650113



**Protanomaly**  
10661694



**Deuteranomaly**  
11512391



**Tritanomaly**  
8434576

# Monochromacy



**Original Color**  
7650113



**Achromatopsia**  
10000536



**Achromatomaly**  
9151864

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7650113 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 #74BB41 looks like.

```
.text, #text, p{  
  color:#74BB41  
}
```

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 #74BB41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BB41
}
```

## Border

The CSS property to change the border of an element to Decimal 7650113 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
#74BB41 }
```

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

```
.border{ border-color:#74BB41 }
```

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

Here you see how a box with a 4 pixel #74BB41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BB41; -webkit-box-shadow:4px 4px  
4px 4px #74BB41; box-shadow:4px 4px 4px  
4px #74BB41 }
```

# Background

The CSS property to change the background color of an element to Decimal 7650113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BB41 }
```

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

```
.background{ background-color:#74BB41 }
```

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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