

# Converting Colors

Decimal(7852913)

Have a look what the booklet for  
Decimal(7852913) contains.

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# **Color**

**Decimal(7852913)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77D371
RGB	119, 211, 113
RGB Percent	47%, 83%, 44%
CMY	0.5333, 0.1725, 0.5569
CMYK	0.44, 0.00, 0.46, 0.17
HSL	116°, 53%, 64%
HSV	116°, 46%, 83%
XYZ	33.8827, 51.7027, 23.8166
YIQ	172.3200, -23.3740, -49.9820

# Conversions

## Conversions Part 2

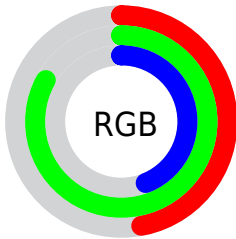
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 211, 205</a>
Decimal	<a href="#">7852913</a>
CIELab	<a href="#">77.10, -46.78, 40.02</a>
CIELCh	<a href="#">77, 61.559, 139.454</a>
Yxy	<a href="#">51.7027, 0.3097, 0.4726</a>
Android (android.graphics.Color)	<a href="#">4286042993 (0xFF77D371)</a>
YUV	<a href="#">172.3200, -29.2448, -46.7616</a>
Hunter-Lab	<a href="#">71.9046, -41.7209, 30.6949</a>

# Details

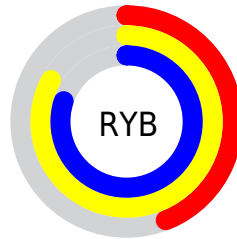
The Decimal color **7852913** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **13464019**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **11599782**, and **4103230** is the 20% darker color. If you saturate the color by 10%, you get **6542172**, and if you desaturate by 10%, it is **9163654**.

# Distribution



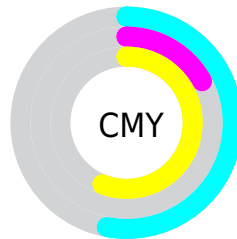
- Red (47%)
- Green (83%)
- Blue (44%)



- Red (44%)
- Yellow (83%)
- Blue (80%)



- Cyan (44%)
- Magenta (0%)
- Yellow (46%)
- Black (17%)



- Cyan (53%)
- Magenta (17%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7852913 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 7852913 by changing the saturation by 10% instead.



 7852913

 7852913

16777215

 6010711

 11599782

 4103230

 13434818

 1933605


 15400926

 26377

 16777211

 19968

 13824

 8192

 0

 7852913

 7852913

■ 6542172

■ 9163654

■ 5231431

■ 10474395

■ 3986226

■ 11719600

■ 2675485

■ 13030341

■ 1364744

■ 14341083

■ 905984

■ 15651824

■ 16765951

# Harmonies

## Analogous

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



12240716



7852913



55720

# Triad

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



7852913



51967



16748188

# Complementary

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



7852913



13464019

# 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.



16748501



7852913



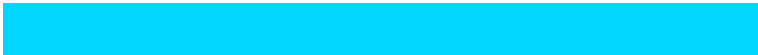
10467327

# Square

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



7852913



55039



15769855



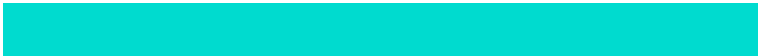
16752489

# Rectangle

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



7852913



56271



15769855



16747694

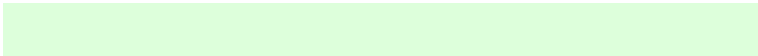


# Sweetspot

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



7852913



14548955



13880433



7045226



0



8421504



# Same Dimension

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



7852913



7995248



7459739



6252894



698368



141568



# Inverse Universe

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



13464019



16150783



13857193



6839913



10354856



2490409



# Previews

## White Background



This preview shows how the Decimal color 7852913 looks on a white background.

## Color Contrast Check

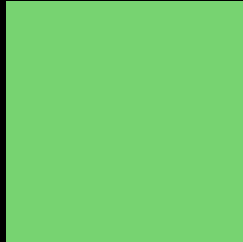
Large Text (above 18pt) WCAG AA × Fail

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 7852913 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

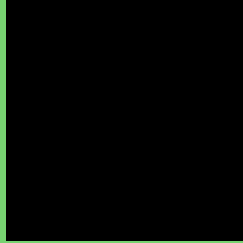
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7852913 Background



This preview shows how black text looks on a background with the Decimal color 7852913.



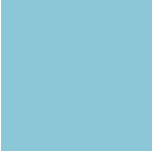
This preview shows how white text looks on a background with the Decimal color 7852913.

# 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





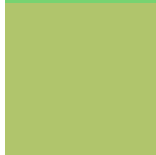
**Tritanopia**  
9160663

# Trichromacy



**Original Color**

7852913



**Protanomaly**

11584876



**Deuteranomaly**

12370037



**Tritanomaly**

8702898

# Monochromacy



**Original Color**

7852913



**Achromatopsia**

11316396



**Achromatomaly**

10074775

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7852913 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 #77D371 looks like.

```
.text, #text, p{  
    color:#77D371  
}
```

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 #77D371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D371
}
```

## Border

The CSS property to change the border of an element to Decimal 7852913 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
#77D371 }
```

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

```
.border{ border-color:#77D371 }
```

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

Here you see how a box with a 4 pixel #77D371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D371; -webkit-box-shadow:4px 4px  
4px 4px #77D371; box-shadow:4px 4px 4px  
4px #77D371 }
```

# Background

The CSS property to change the background color of an element to Decimal 7852913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D371 }
```

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

```
.background{ background-color:#77D371 }
```

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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