

# Converting Colors

Decimal(7913315)

Have a look what the booklet for  
Decimal(7913315) contains.

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# **Color**

**Decimal(7913315)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78BF63
RGB	120, 191, 99
RGB Percent	47%, 75%, 39%
CMY	0.5294, 0.2510, 0.6118
CMYK	0.37, 0.00, 0.48, 0.25
HSL	106°, 42%, 57%
HSV	106°, 48%, 75%
XYZ	28.6287, 42.1555, 18.4323
YIQ	159.2830, -12.7840, -43.6640

# Conversions

## Conversions Part 2

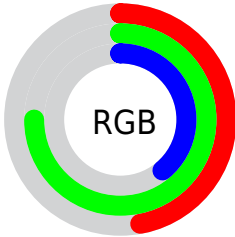
Format	Color
<a href="#">RYB</a>	<a href="#">99, 191, 170</a>
Decimal	<a href="#">7913315</a>
CIELab	<a href="#">70.98, -39.74, 39.32</a>
CIELCh	<a href="#">71, 55.908, 135.302</a>
Yxy	<a href="#">42.1555, 0.3209, 0.4725</a>
Android (android.graphics.Color)	<a href="#">4286103395 (0xFF78BF63)</a>
YUV	<a href="#">159.2830, -29.7195, -34.4512</a>
Hunter-Lab	<a href="#">64.9273, -34.9160, 28.6172</a>

# Details

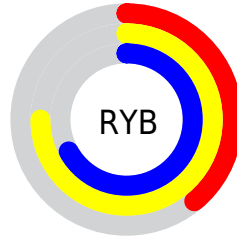
The Decimal color **7913315** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **11166655**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **11532439**, and **4360497** is the 20% darker color. If you saturate the color by 10%, you get **6930256**, and if you desaturate by 10%, it is **8896374**.

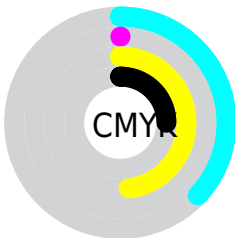
# Distribution



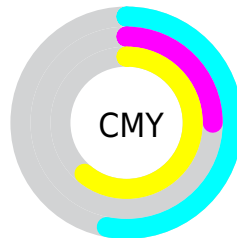
- Red (47%)
- Green (75%)
- Blue (39%)



- Red (39%)
- Yellow (75%)
- Blue (67%)



- Cyan (37%)
- Magenta (0%)
- Yellow (48%)
- Black (25%)




- Cyan (53%)
- Magenta (25%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7913315 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 7913315 by changing the saturation by 10% instead.



 7913315

 7913315

16777215

 6136906

 11532439

 4360497

 13434803

 2453272

 15335375

 22016


 16777195


 15872

 10496

 1792

 0

 7913315

 7913315

6930256

8896374

6012733

9813897

5029674

10796956

4046615

11780015

3063555

12763075

2932480

13680598

14663657

15646716

16629759

# Harmonies

## Analogous

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



11711302



7913315



50834

# Triad

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



7913315



47871



16745110

# Complementary

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



7913315



11166655

# 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.



16745929



7913315



8760063

# Square

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



7913315



50421



13866742



16748391

# Rectangle

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



7913315



51125



13866742



16744871

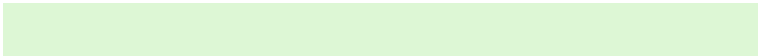


# Sweetspot

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



7913315



14546901



12560995



7175528



16579836



8224125



# Same Dimension

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



7913315



9041768



6537084



5725781



2399744



466688



# Inverse Universe

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



11166655



14117111



12542886



6051166



7995550



1572895



# Previews

## White Background



This preview shows how the Decimal color 7913315 looks on a white background.

## Color Contrast Check

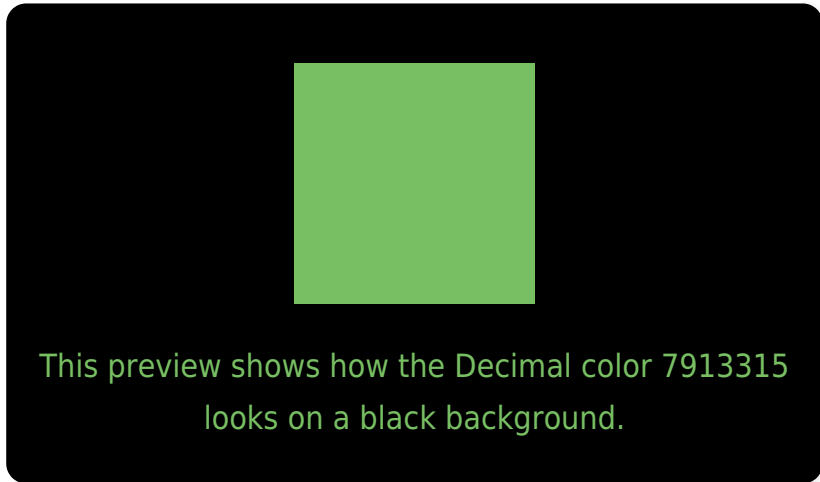
Large Text (above 18pt) WCAG AA × Fail

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 7913315 Background



This preview shows how black text looks on a background with the Decimal color 7913315.



This preview shows how white text looks on a background with the Decimal color 7913315.

# 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





# Trichromacy



**Original Color**  
7913315

**Protanomaly**  
10859615

**Deuteranomaly**  
11644519

**Tritanomaly**  
8632480

# Monochromacy



**Original Color**  
7913315

**Achromatopsia**  
10461087

**Achromatomaly**  
9546633

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7913315 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 #78BF63 looks like.

```
.text, #text, p{  
    color:#78BF63  
}
```

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 #78BF63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78BF63
}
```

## Border

The CSS property to change the border of an element to Decimal 7913315 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
#78BF63 }
```

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

```
.border{ border-color:#78BF63 }
```

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

Here you see how a box with a 4 pixel #78BF63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78BF63; -webkit-box-shadow:4px 4px  
4px 4px #78BF63; box-shadow:4px 4px 4px  
4px #78BF63 }
```

# Background

The CSS property to change the background color of an element to Decimal 7913315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78BF63 }
```

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

```
.background{ background-color:#78BF63 }
```

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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