

Converting Colors

Decimal(7917176)

Have a look what the booklet for
Decimal(7917176) contains.

Decimal(7917176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7917176)

Conversions

Conversions Part 1

Format	Color
Hex	78CE78
RGB	120, 206, 120
RGB Percent	47%, 81%, 47%
CMY	0.5294, 0.1922, 0.5294
CMYK	0.42, 0.00, 0.42, 0.19
HSL	120°, 47%, 64%
HSV	120°, 42%, 81%
XYZ	33.2072, 49.4917, 25.5720
YIQ	170.4820, -23.6500, -44.9780

Conversions

Conversions Part 2

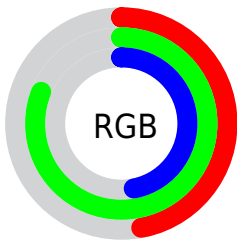
Format	Color
RYB	120, 206, 206
Decimal	7917176
CIELab	75.76, -43.35, 34.81
CIELCh	76, 55.590, 141.236
Yxy	49.4917, 0.3067, 0.4571
Android (android.graphics.Color)	4286107256 (0xFF78CE78)
YUV	170.4820, -24.8876, -44.2727
Hunter-Lab	70.3504, -38.8565, 27.6937

Details

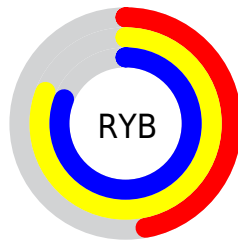
The Decimal color **7917176** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **13531342**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **11599789**, and **4233030** is the 20% darker color. If you saturate the color by 10%, you get **6540899**, and if you desaturate by 10%, it is **9293453**.

Distribution



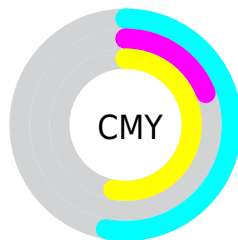
- Red (47%)
- Green (81%)
- Blue (47%)



- Red (47%)
- Yellow (81%)
- Blue (81%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (19%)




- Cyan (53%)
- Magenta (19%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7917176 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 7917176 by changing the saturation by 10% instead.

 7917176

 7917176

16777215

 6074974

 11599789

 4233030

 13500361

 2260270

 15400933


 25365


 18944

 13056

 7424

 0

 7917176

 7917176

■ 6540899

■ 9293453

■ 5230159

■ 10604193

■ 3853882

■ 11980470

■ 2543142

■ 13291210

■ 1166865

■ 14667487

■ 52736

■ 16043764

■ 16764671

Harmonies

Analogous

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



11912023



7917176



54441

Triad

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



7917176



1820159



16748952

Complementary

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



7917176



13531342

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.



16749004



7917176



10925055

Square

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



7917176



53503



15441916



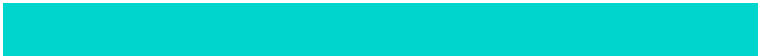
16752748

Rectangle

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



7917176



54733



15441916



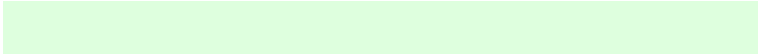
16748457

Sweetspot

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



7917176



14614494



13553272



7045227



0



8421504

Same Dimension

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



7917176



8454016



7917219



6055516



42496



9728

Inverse Universe

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



13531342



16744703



13531299



6708326



10879142



2490406

Previews

White Background



This preview shows how the Decimal color 7917176 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 7917176 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 7917176 Background



This preview shows how black text looks on a background with the Decimal color 7917176.

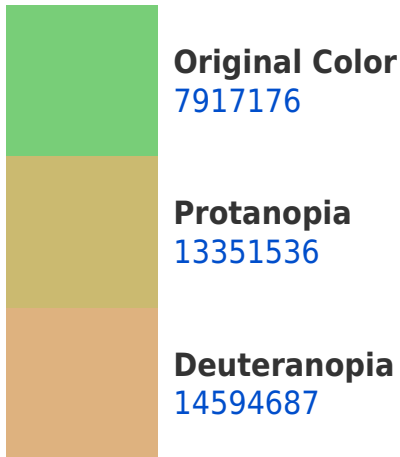


This preview shows how white text looks on a background with the Decimal color 7917176.

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](#).

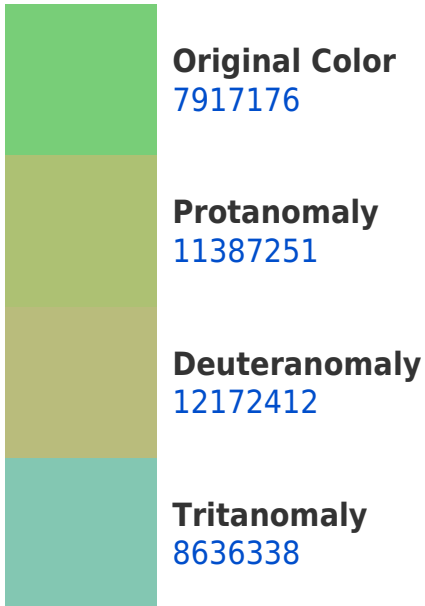
Dichromacy



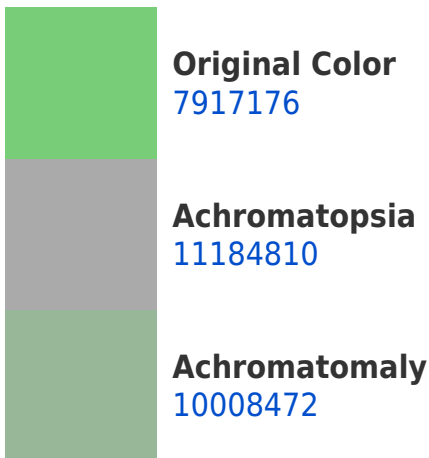


Tritanopia
9094099

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7917176 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 #78CE78 looks like.

```
.text, #text, p{  
    color:#78CE78  
}
```

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 #78CE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78CE78  
}
```

Border

The CSS property to change the border of an element to Decimal 7917176 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  
#78CE78 }
```

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

```
.border{ border-color:#78CE78 }
```

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

Here you see how a box with a 4 pixel #78CE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78CE78; -webkit-box-shadow:4px 4px  
4px 4px #78CE78; box-shadow:4px 4px 4px  
4px #78CE78 }
```

Background

The CSS property to change the background color of an element to Decimal 7917176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78CE78 }
```

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

```
.background{ background-color:#78CE78 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor