

# Converting Colors

Decimal(10021282)

Have a look what the booklet for  
Decimal(10021282) contains.

<b>Decimal(10021282)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(10021282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98E9A2
RGB	152, 233, 162
RGB Percent	60%, 91%, 64%
CMY	0.4039, 0.0863, 0.3647
CMYK	0.35, 0.00, 0.30, 0.09
HSL	127°, 65%, 75%
HSV	127°, 35%, 91%
XYZ	48.6094, 67.5619, 44.6612
YIQ	200.6870, -25.4850, -39.2530

# Conversions

## Conversions Part 2

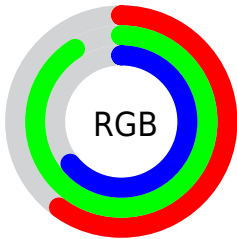
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 224, 233</a>
Decimal	<a href="#">10021282</a>
CIELab	<a href="#">85.79, -38.89, 26.89</a>
CIELCh	<a href="#">86, 47.281, 145.332</a>
Yxy	<a href="#">67.5619, 0.3022, 0.4201</a>
Android (android.graphics.Color)	<a href="#">4288211362 (0xFF98E9A2)</a>
YUV	<a href="#">200.6870, -19.0727, -42.6985</a>
Hunter-Lab	<a href="#">82.1960, -38.2810, 25.3220</a>

# Details

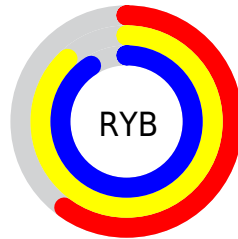
The Decimal color **10021282** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **15309023**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **13696985**, and **6402414** is the 20% darker color. If you saturate the color by 10%, you get **8513934**, and if you desaturate by 10%, it is **11528630**.

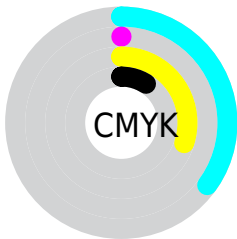
# Distribution



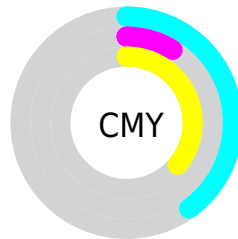
- Red (60%)
- Green (91%)
- Blue (64%)



- Red (60%)
- Yellow (88%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10021282 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 10021282 by changing the saturation by 10% instead.





 10021282

 10021282

 8513934

 11528630

 6941049


 13101515

 5433701

 14608863

 3926352

 16116212

 2419004

 16771583

 846119

 59677

# Harmonies

## Analogous

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



13492100



10021282



5828302

# Triad

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



10021282



8838655



16758450

# Complementary

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



10021282



15309023

# 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.



16757983



10021282



13749759

# Square

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



10021282



2156799



16760319



16761486

# Rectangle

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



10021282



1502957



16760319



16757953

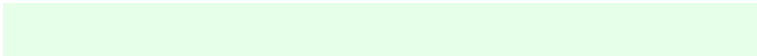


# Sweetspot

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



10021282



15138793



14739864



7372914



0



8421504



# Same Dimension

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



10021282



9764769



10021322



6976875



46358



13831



# Inverse Universe

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



15309023



16749810



15308983



7694964



11862175

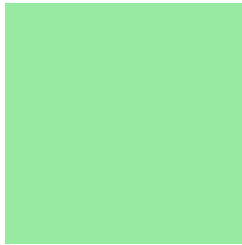


3538991



# Previews

## White Background



This preview shows how the Decimal color 10021282 looks on a white background.

## Color Contrast Check

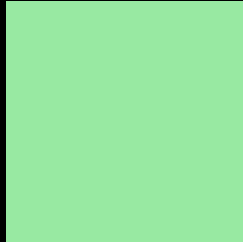
Large Text (above 18pt) WCAG AA × Fail

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 10021282 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

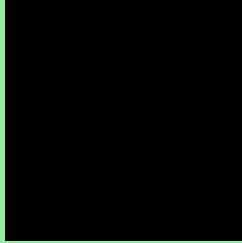
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10021282 Background



This preview shows how black text looks on a background with the Decimal color 10021282.

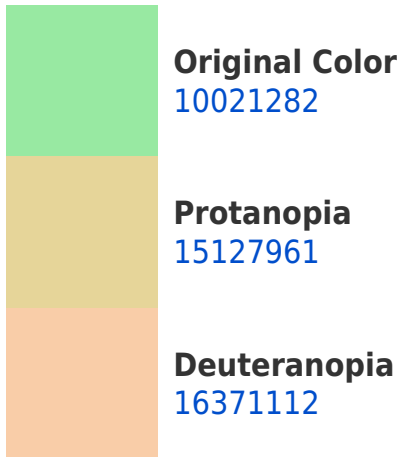



This preview shows how white text looks on a background with the Decimal color 10021282.

# 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



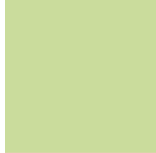


**Tritanopia**  
11001841

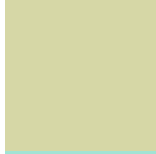
# Trichromacy



**Original Color**  
10021282



**Protanomaly**  
13294748



**Deuteranomaly**  
14079910

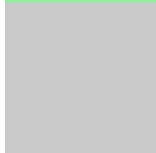


**Tritanomaly**  
10675156

# Monochromacy



**Original Color**  
10021282



**Achromatopsia**  
13224393



**Achromatomaly**  
12047803

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10021282 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 #98E9A2 looks like.

```
.text, #text, p{  
    color:#98E9A2  
}
```

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 #98E9A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E9A2
}
```

## Border

The CSS property to change the border of an element to Decimal 10021282 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
#98E9A2 }
```

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

```
.border{ border-color:#98E9A2 }
```

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

Here you see how a box with a 4 pixel #98E9A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E9A2; -webkit-box-shadow:4px 4px  
4px 4px #98E9A2; box-shadow:4px 4px 4px  
4px #98E9A2 }
```

# Background

The CSS property to change the background color of an element to Decimal 10021282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E9A2 }
```

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

```
.background{ background-color:#98E9A2 }
```

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