

# Converting Colors

Decimal(12502669)

Have a look what the booklet for  
Decimal(12502669) contains.

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# **Color**

**Decimal(12502669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BEC68D</a>
RGB	<a href="#">190, 198, 141</a>
RGB Percent	<a href="#">75%, 78%, 55%</a>
CMY	<a href="#">0.2549, 0.2235, 0.4471</a>
CMYK	<a href="#">0.04, 0.00, 0.29, 0.22</a>
HSL	<a href="#">68°, 33%, 66%</a>
HSV	<a href="#">68°, 29%, 78%</a>
XYZ	<a href="#">46.2370, 53.2584, 33.0423</a>
YIQ	<a href="#">189.1100, 13.5290, -19.4230</a>

# Conversions

## Conversions Part 2

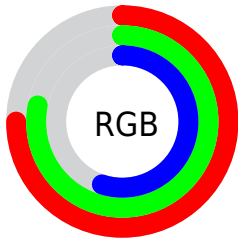
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 198, 149
Decimal	12502669
CIELab	78.03, -12.05, 27.72
CIELCh	78, 30.224, 113.504
Yxy	53.2584, 0.3489, 0.4018
Android (android.graphics.Color)	4290692749 (0xFFBEC68D)
YUV	189.1100, -23.7182, 0.7805
Hunter-Lab	72.9784, -14.6196, 24.2402

# Details

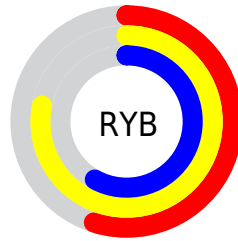
The Decimal color **12502669** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9801158**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16252867**, and **8949850** is the 20% darker color. If you saturate the color by 10%, you get **12306041**, and if you desaturate by 10%, it is **12699297**.

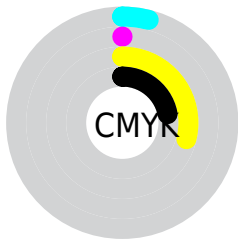
# Distribution



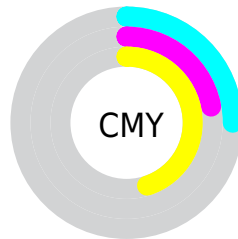
- Red (75%)
- Green (78%)
- Blue (55%)



- Red (55%)
- Yellow (78%)
- Blue (58%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12502669 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 12502669 by changing the saturation by 10% instead.





12502669



12502669

16777215



10726259



16252867



8949850



16777183



7239490



16777212



5594667



4015637



2568192



859136



0



12502669



12502669

■ 12306041

■ 12699297

■ 12109413

■ 12895925

■ 11978322

■ 13027016

■ 11781694

■ 13223644

■ 11585066

■ 13420272

■ 11388438

■ 13616895

■ 11257346

■ 13747967

■ 11191808

■ 13944575

■ 14141183

# Harmonies

## Analogous

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



14400905



12502669



10407327

# Triad

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



12502669



7654893



16035272

# Complementary

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



12502669



9801158

# Split Complementary

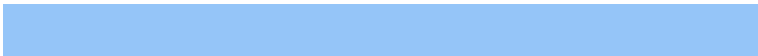
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14660323



12502669



9815544

# Square

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



12502669



7131350



12434676



16428460

# Rectangle

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



12502669



9031600



12434676



15707858



# Sweetspot

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



12502669



16580584



13014413



8290417



0



8421504



# Same Dimension

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



12502669



15925158



10667661



6447962



9216768



2040832



# Inverse Universe

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



9801158



11708159



11636166



5986915



1507491



327716



# Previews

## White Background



This preview shows how the Decimal color 12502669 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 12502669 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

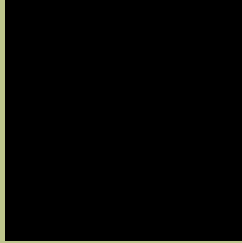
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

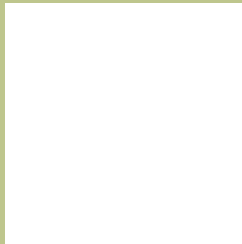
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12502669 Background



This preview shows how black text looks on a background with the Decimal color 12502669.



This preview shows how white text looks on a background with the Decimal color 12502669.

# 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](#).

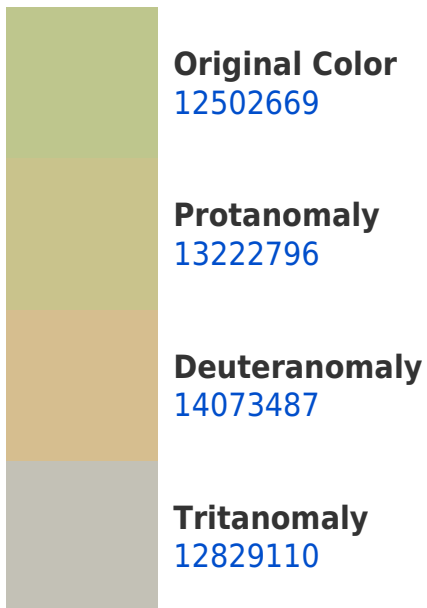
## Dichromacy



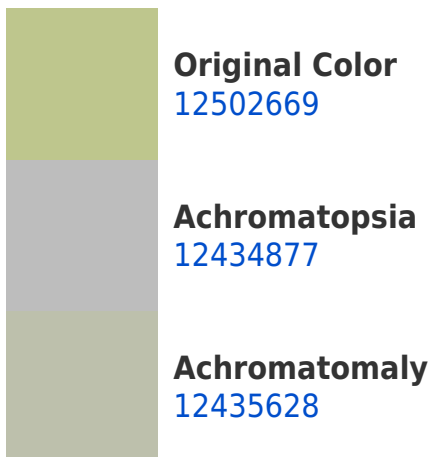


**Tritanopia**  
13024973

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12502669 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 #BEC68D looks like.

```
.text, #text, p{  
    color:#BEC68D  
}
```

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 #BEC68D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC68D
}
```

## Border

The CSS property to change the border of an element to Decimal 12502669 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
#BEC68D }
```

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

```
.border{ border-color:#BEC68D }
```

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

Here you see how a box with a 4 pixel #BEC68D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC68D; -webkit-box-shadow:4px 4px  
4px 4px #BEC68D; box-shadow:4px 4px 4px  
4px #BEC68D }
```

# Background

The CSS property to change the background color of an element to Decimal 12502669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC68D }
```

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

```
.background{ background-color:#BEC68D }
```

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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