

Converting Colors

Decimal(12501248)

Have a look what the booklet for
Decimal(12501248) contains.

Decimal(12501248)	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(12501248)

Conversions

Conversions Part 1

Format	Color
Hex	BEC100
RGB	190, 193, 0
RGB Percent	75%, 76%, 0%
CMY	0.2549, 0.2431, 1.0000
CMYK	0.02, 0.00, 1.00, 0.24
HSL	61°, 100%, 38%
HSV	61°, 100%, 76%
XYZ	40.3052, 49.0871, 7.3504
YIQ	170.1010, 60.1650, -60.6590

Conversions

Conversions Part 2

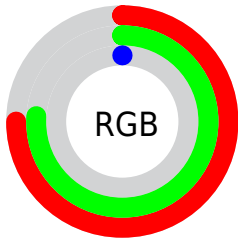
Format	Color
RYB	0, 193, 3
Decimal	12501248
CIELab	75.51, -18.78, 76.33
CIELCh	76, 78.608, 103.819
Yxy	49.0871, 0.4166, 0.5074
Android (android.graphics.Color)	4290691328 (0xFFBEC100)
YUV	170.1010, -83.8598, 17.4514
Hunter-Lab	70.0622, -19.9218, 42.8232

Details

The Decimal color **12501248** is a dark color, and the websafe version is hex **C0C000**. The color can be described as dark washed chartreuse. A complement of this color would be **196801**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16447826**, and **8686592** is the 20% darker color. If you saturate the color by 10%, you get **12501248**, and if you desaturate by 10%, it is **12501267**.

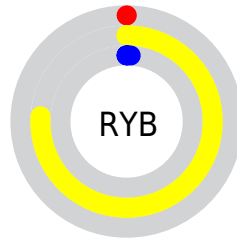
Distribution



Red (75%)

Green (76%)

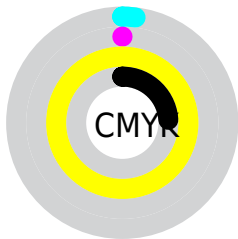
Blue (0%)



Red (0%)

Yellow (76%)

Blue (1%)

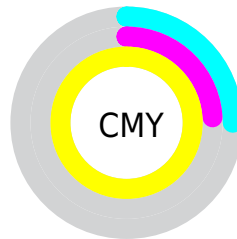


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (25%)


















Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12501248 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 12501248 by changing the saturation by 10% instead.

 12501248	 12501248
 16777215	 10593792
 16447826	 8686592
 16777071	 6844928
 16777100	 5003776
 16777129	 3228416
 16777158	 1518848
 16777187	 6656
	 0

 12501248

 12501267

 12566823

 12566842

 12566861

 12632417

 12632436

 12632455

 12632474

 12698030

Harmonies

Analogous

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



16623642



12501248



7000392

Triad

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



12501248



55807



16742628

Complementary

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



12501248



196801

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.



15243263



12501248



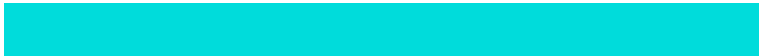
52735

Square

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



12501248



56539



6207487



16741020

Rectangle

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



12501248



55158



6207487



16744955

Sweetspot

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



12501248



16382639



12648448



8158544



16579836



8224125

Same Dimension

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



12501248



16185856



6406400



6381911



10395904



2171136

Inverse Universe

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



196801



262394



6357185



5724001



131233



65569

Previews

White Background



This preview shows how the Decimal color 12501248 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 12501248 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 12501248 Background



This preview shows how black text looks on a background with the Decimal color 12501248.

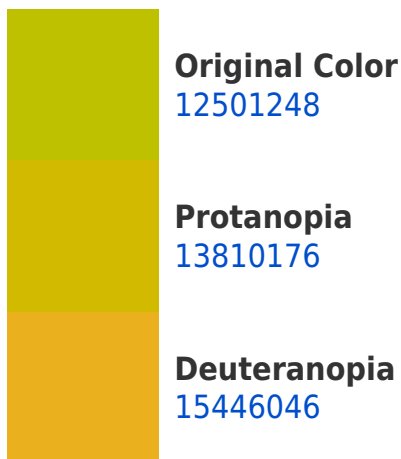



This preview shows how white text looks on a background with the Decimal color 12501248.

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
13349825

Trichromacy



Original Color
12501248

Protanomaly
13352192

Deuteranomaly
14398995

Tritanomaly
13023355

Monochromacy



Original Color
12501248

Achromatopsia
11184810

Achromatomaly
11645548

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12501248 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 #BEC100 looks like.

```
.text, #text, p{  
    color:#BEC100  
}
```

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 #BEC100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC100
}
```

Border

The CSS property to change the border of an element to Decimal 12501248 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
#BEC100 }
```

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

```
.border{ border-color:#BEC100 }
```

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

Here you see how a box with a 4 pixel #BEC100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC100; -webkit-box-shadow:4px 4px  
4px 4px #BEC100; box-shadow:4px 4px 4px  
4px #BEC100 }
```

Background

The CSS property to change the background color of an element to Decimal 12501248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC100 }
```

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

```
.background{ background-color:#BEC100 }
```

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