

Converting Colors

Decimal(12307840)

Have a look what the booklet for
Decimal(12307840) contains.

Decimal(12307840)	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(12307840)

Conversions

Conversions Part 1

Format	Color
Hex	BBCD80
RGB	187, 205, 128
RGB Percent	73%, 80%, 50%
CMY	0.2667, 0.1961, 0.4980
CMYK	0.09, 0.00, 0.38, 0.20
HSL	74°, 44%, 65%
HSV	74°, 38%, 80%
XYZ	46.2211, 55.7860, 28.7537
YIQ	190.8400, 13.9890, -27.7630

Conversions

Conversions Part 2

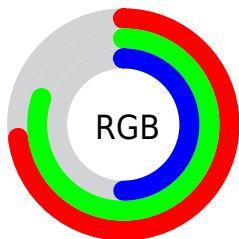
Format	Color
R _{YB}	128, 205, 146
Decimal	12307840
CIE _{Lab}	79.49, -18.41, 36.33
CIE _{LCh}	79, 40.726, 116.877
Yxy	55.7860, 0.3535, 0.4266
Android (android.graphics.Color)	4290497920 (0xFFBBCD80)
YUV	190.8400, -30.9801, -3.3677
Hunter-Lab	74.6900, -20.2446, 29.4579

Details

The Decimal color **12307840** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9601229**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16056246**, and **8755021** is the 20% darker color. If you saturate the color by 10%, you get **11980139**, and if you desaturate by 10%, it is **12635541**.

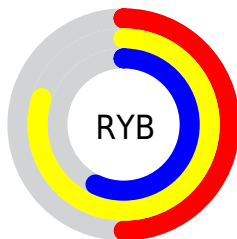
Distribution



Red (73%)

Green (80%)

Blue (50%)



Red (50%)

Yellow (80%)

Blue (57%)

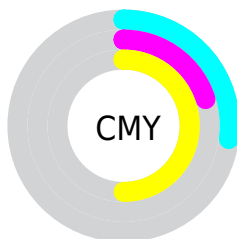


Cyan (9%)

Magenta (0%)

Yellow (38%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12307840 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 12307840 by changing the saturation by 10% instead.

 12307840

 12307840

16777215

 10465894

 16056246

 8755021

 16777170

 7044405

 16777198

 5334045

 3755011

 2241792

 335872

 0

 12307840

 12307840

■ 11980139

■ 12635541

■ 11652439

■ 12963241

■ 11390274

■ 13225406

■ 11062574

■ 13553106

■ 10734874

■ 13880806

■ 10407173

■ 14208507

■ 10341632

■ 14536191

■ 14798335

■ 15126015

Harmonies

Analogous

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



14860665



12307840



9360794

Triad

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



12307840



4773119



16754890

Complementary

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



12307840



9601229

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.



15839215



12307840



8964863

Square

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



12307840



3135974



12893695



16755365

Rectangle

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



12307840



7264434



12893695



16755159

Sweetspot

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



12307840



16318435



13472384



8159343



0



8421504

Same Dimension

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



12307840



15007628



9817472



6579804



8365568



1910272

Inverse Universe

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



9601229



10980607



12091597



6184038



2556070



589862

Previews

White Background



This preview shows how the Decimal color 12307840 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 12307840 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 12307840 Background



This preview shows how black text looks on a background with the Decimal color 12307840.

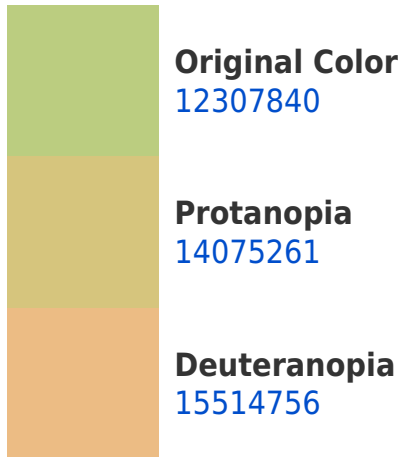


This preview shows how white text looks on a background with the Decimal color 12307840.

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](#).

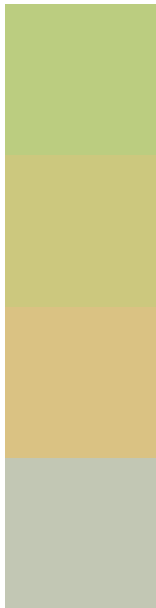
Dichromacy





Tritanopia
13026258

Trichromacy



Original Color
12307840

Protanomaly
13420670

Deuteranomaly
14336643

Tritanomaly
12765108

Monochromacy



Original Color
12307840

Achromatopsia
12566463

Achromatomaly
12502184

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12307840 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 #BBCD80 looks like.

```
.text, #text, p{  
    color:#BBCD80  
}
```

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 #BBCD80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBCD80
}
```

Border

The CSS property to change the border of an element to Decimal 12307840 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
#BBCD80 }
```

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

```
.border{ border-color:#BBCD80 }
```

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

Here you see how a box with a 4 pixel #BBCD80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBCD80; -webkit-box-shadow:4px 4px  
4px 4px #BBCD80; box-shadow:4px 4px 4px  
4px #BBCD80 }
```

Background

The CSS property to change the background color of an element to Decimal 12307840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBCD80 }
```

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

```
.background{ background-color:#BBCD80 }
```

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