Converting Colors

Decimal(12768384)

Have a look what the booklet for Decimal(12768384) contains.

Decimal(12768384) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

Decimal(12768384)

Conversions

Conversions Part 1

Format	Color
Hex	C2D480
RGB	194, 212, 128
RGB Percent	76%, 83%, 50%
CMY	0.2392, 0.1686, 0.4980
CMYK	0.08, 0.00, 0.40, 0.17
HSL	73°, 49%, 67%
HSV	73°, 40%, 83%
XYZ	49.6879, 60.1148, 29.4066
YIQ	197.0420, 16.2360, -29.9400

Conversions

Conversions Part 2

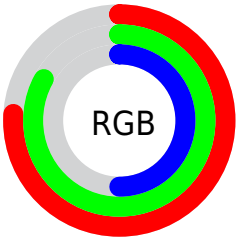
Format	Color
RYB	128, 212, 146
Decimal	12768384
CIELab	81.90, -19.20, 39.52
CIELCh	82, 43.933, 115.913
Yxy	60.1148, 0.3569, 0.4318
Android (android.graphics.Color)	4290958464 (0xFFC2D480)
YUV	197.0420, -34.0377, -2.6678
Hunter-Lab	77.5337, -21.2914, 31.7864

Details

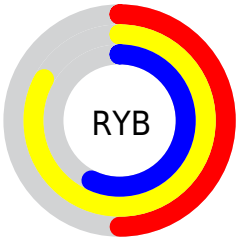
The Decimal color 12768384 is a light color, and the websafe version is hex CCCC66. A complement of this color would be 9601236, and the grayscale version is 12961221.

A 20% lighter version of the original color is 16580534, and 9149773 is the 20% darker color. If you saturate the color by 10%, you get 12440683, and if you desaturate by 10%, it is 13096085.

Distribution

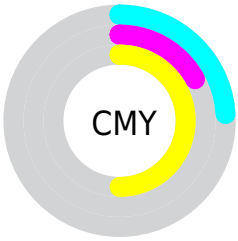


- Red (76%)
- Green (83%)
- Blue (50%)



- Red (50%)
- Yellow (83%)
- Blue (57%)

- Cyan (8%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)



- Cyan (24%)
- Magenta (17%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12768384 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 12768384 by changing the saturation by 10% instead.

12768384

16777215

16580534

16777170

16777198

12768384

10926182

9149773

7439156

5728796

4084224

2571008

861440

3328

0

12768384

12440683

12178518

11850816

11588651

11260950

10998785

10998784

12768384

13096085

13358250

13685952

13948117

14275818

14537983

14865663

15127807

15455487

Harmonies

Analogous

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

15517561

12768384

9624988

Triad

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

12768384

3529983

16755923

Complementary

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

12768384

9601236

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.

16430330

12768384

8770047

Square

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

12768384

844270

13157375

16756394

Rectangle

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

12768384

7200950

13157375

16756449

Sweetspot

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

12768384

16318432

13930880

8159342

0

8421504

Same Dimension

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

12768384

15073157

10081408

6908768

8825600

2239232

Inverse Universe

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

9601236

10454527

12288212

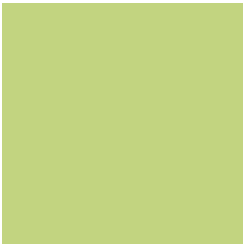
6512747

2425003

589867

Previews

White Background



This preview shows how the Decimal color 12768384 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 12768384 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 12768384 Background

This preview shows how black text looks on a background with the Decimal color 12768384.

This preview shows how white text looks on a background with the Decimal color 12768384.

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

Original Color
12768384

Protanopia
14601085

Deuteranopia
16106116

Tritanopia
13486553

Trichromacy

Original Color
12768384

Protanomaly
13946494

Deuteranomaly
14862723

Tritanomaly
13225401

Monochromacy

Original Color
12768384

Achromatopsia
12961221

Achromatomaly
12896940

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12768384 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 #C2D480 looks like.

```
.text, #text, p{
    color:#C2D480
}
```

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 #C2D480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D480 }
```

Border

The CSS property to change the border of an element to Decimal 12768384 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 #C2D480 }
```

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

```
.border{ border-color:#C2D480 }
```

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

Here you see how a box with a 4 pixel #C2D480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #C2D480; -webkit-box-shadow:4px 4px 4px 4px #C2D480; box-shadow:4px 4px 4px 4px #C2D480 }
```

Background

The CSS property to change the background color of an element to Decimal 12768384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#C2D480 }
```

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

```
.background{ background-color:#C2D480 }
```

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