

Converting Colors

Decimal(12764322)

Have a look what the booklet for
Decimal(12764322) contains.

Decimal(12764322)	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(12764322)

Conversions

Conversions Part 1

Format	Color
Hex	C2C4A2
RGB	194, 196, 162
RGB Percent	76%, 77%, 64%
CMY	0.2392, 0.2314, 0.3647
CMYK	0.01, 0.00, 0.17, 0.23
HSL	64°, 22%, 70%
HSV	64°, 17%, 77%
XYZ	48.5096, 53.5578, 41.9634
YIQ	191.5260, 9.7220, -10.9980

Conversions

Conversions Part 2

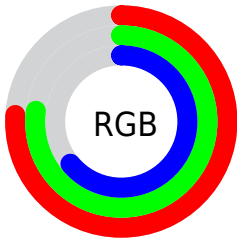
Format	Color
RYB	162, 196, 164
Decimal	12764322
CIELab	78.20, -6.47, 16.87
CIELCh	78, 18.072, 110.984
Yxy	53.5578, 0.3368, 0.3718
Android (android.graphics.Color)	4290954402 (0xFFC2C4A2)
YUV	191.5260, -14.5563, 2.1697
Hunter-Lab	73.1832, -9.7515, 17.2313

Details

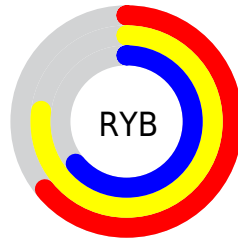
The Decimal color **12764322** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **10789572**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16514521**, and **9211502** is the 20% darker color. If you saturate the color by 10%, you get **12698766**, and if you desaturate by 10%, it is **12829878**.

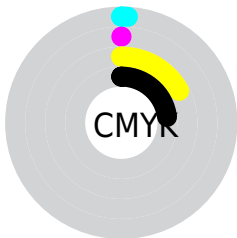
Distribution



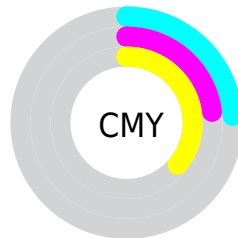
- Red (76%)
- Green (77%)
- Blue (64%)



- Red (64%)
- Yellow (77%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12764322 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 12764322 by changing the saturation by 10% instead.



12764322



12764322

16777215



10987912



16514521



9211502



16777205



7501142



5921854



4343080



2830099



1579520



0



12764322



12764322

 12698766

 12829878

 12633211

 12895433


 12567655

 12960989

 12436564

 13092080

 12371008


 13157631

 12305452


 13223167

 12239897

 13288703

 12174341

 13354239

 12108800

 13419775

Harmonies

Analogous

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



13942689



12764322



11520172

Triad

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



12764322



10078683



14726855

Complementary

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



12764322



10789572

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.



13810391



12764322



11125986

Square

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



12764322



9817037



12500961



15054518

Rectangle

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



12764322



10734262



12500961



14530509

Sweetspot

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



12764322



16711666



12887202



8355960



0



8421504

Same Dimension

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



12764322



16580553



11650210



6316375



9937152



2040064

Inverse Universe

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



10789572



13486591



11903684



5789537



589985



131105

Previews

White Background



This preview shows how the Decimal color 12764322 looks on a white background.

Color Contrast Check

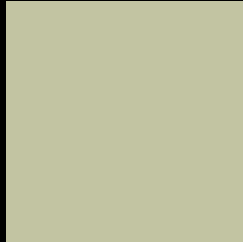
Large Text (above 18pt) WCAG AA × Fail

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 12764322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

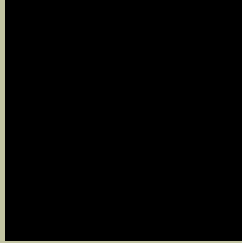
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

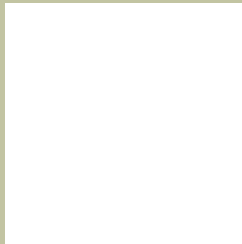
Any Text WCAG AAA ✓ Pass

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

Decimal 12764322 Background



This preview shows how black text looks on a background with the Decimal color 12764322.



This preview shows how white text looks on a background with the Decimal color 12764322.

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
12764322

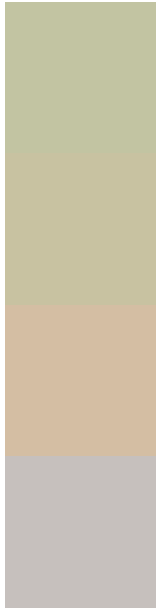
Protanopia
13418912

Deuteranopia
14596772



Tritanopia
13156045

Trichromacy



Original Color
12764322

Protanomaly
13157025

Deuteranomaly
13942435

Tritanomaly
13025469

Monochromacy



Original Color
12764322

Achromatopsia
12632256

Achromatomaly
12698037

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12764322 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 #C2C4A2 looks like.

```
.text, #text, p{  
    color:#C2C4A2  
}
```

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 #C2C4A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C4A2
}
```

Border

The CSS property to change the border of an element to Decimal 12764322 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
#C2C4A2 }
```

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

```
.border{ border-color:#C2C4A2 }
```

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

Here you see how a box with a 4 pixel #C2C4A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C4A2; -webkit-box-shadow:4px 4px  
4px 4px #C2C4A2; box-shadow:4px 4px 4px  
4px #C2C4A2 }
```

Background

The CSS property to change the background color of an element to Decimal 12764322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C4A2 }
```

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

```
.background{ background-color:#C2C4A2 }
```

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