

Converting Colors

Decimal(12296325)

Have a look what the booklet for
Decimal(12296325) contains.

Decimal(12296325)	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(12296325)

Conversions

Conversions Part 1

Format	Color
Hex	BBA085
RGB	187, 160, 133
RGB Percent	73%, 63%, 52%
CMY	0.2667, 0.3725, 0.4784
CMYK	0.00, 0.14, 0.29, 0.27
HSL	30°, 28%, 63%
HSV	30°, 29%, 73%
XYZ	37.2980, 37.3999, 27.4434
YIQ	164.9950, 24.7590, -2.6730

Conversions

Conversions Part 2

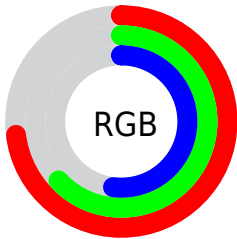
Format	Color
RYB	187, 187, 133
Decimal	12296325
CIELab	67.58, 5.82, 17.76
CIElCh	68, 18.691, 71.861
Yxy	37.3999, 0.3652, 0.3662
Android (android.graphics.Color)	4290486405 (0xFFBBA085)
YUV	164.9950, -15.7735, 19.2984
Hunter-Lab	61.1554, 1.8430, 16.2025

Details

The Decimal color **12296325** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8757435**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16046010**, and **8744275** is the 20% darker color. If you saturate the color by 10%, you get **12294002**, and if you desaturate by 10%, it is **12298648**.

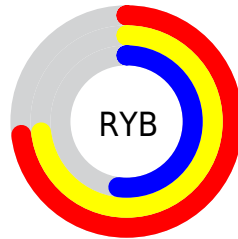
Distribution



Red (73%)

Green (63%)

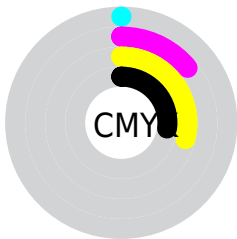
Blue (52%)



Red (73%)

Yellow (73%)

Blue (52%)

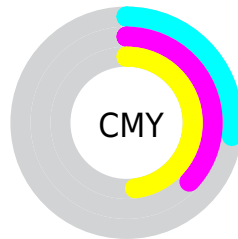


Cyan (0%)

Magenta (14%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12296325 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 12296325 by changing the saturation by 10% instead.



12296325



12296325

16777215



10520172



16046010



8744275



16774102



7033916



16777202



5389606



3811089



2364160



0



12296325



12296325



12294002



12298648

 12291424

 12301226

 12289101

 12303549

 12286778

 12305872

 12284200

 12308451

 12281877

 12310773

 12279554

 12313087

 12279296

 12315647

 12317951

Harmonies

Analogous

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



12950415



12296325



11249284

Triad

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



12296325



7974571



11574974

Complementary

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



12296325



8757435

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.



10134725



12296325



7908794

Square

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



12296325



8760730



8759748



12622511

Rectangle

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



12296325



10398088



8759748



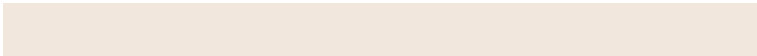
11116737

Sweetspot

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



12296325



15919068



12289440



8025197



16448250



8026746

Same Dimension

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



12296325



15911069



12303237



6183509



10374912



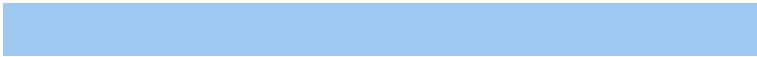
2035456

Inverse Universe

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



8757435



10340594



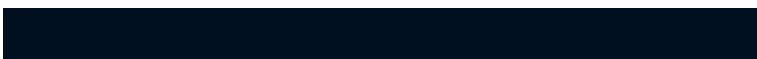
8750523



5593694



20382



3871

Previews

White Background



This preview shows how the Decimal color 12296325 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 12296325 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 12296325 Background



This preview shows how black text looks on a background with the Decimal color 12296325.



This preview shows how white text looks on a background with the Decimal color 12296325.

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


12296325

Protanopia

11445383

Deuteranopia

12557957



Tritanopia
12557223

Trichromacy



Original Color

12296325

Protanomaly

11772806

Deuteranomaly

12492677

Tritanomaly

12492187

Monochromacy



Original Color

12296325

Achromatopsia

10855845

Achromatomaly

11379609

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12296325 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 #BBA085 looks like.

```
.text, #text, p{  
    color:#BBA085  
}
```

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 #BBA085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA085
}
```

Border

The CSS property to change the border of an element to Decimal 12296325 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
#BBA085 }
```

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

```
.border{ border-color:#BBA085 }
```

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

Here you see how a box with a 4 pixel #BBA085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA085; -webkit-box-shadow:4px 4px  
4px 4px #BBA085; box-shadow:4px 4px 4px  
4px #BBA085 }
```

Background

The CSS property to change the background color of an element to Decimal 12296325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA085 }
```

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

```
.background{ background-color:#BBA085 }
```

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