

Converting Colors

Decimal(12815781)

Have a look what the booklet for
Decimal(12815781) contains.

Decimal(12815781)	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(12815781)

Conversions

Conversions Part 1

Format	Color
Hex	C38DA5
RGB	195, 141, 165
RGB Percent	76%, 55%, 65%
CMY	0.2353, 0.4471, 0.3529
CMYK	0.00, 0.28, 0.15, 0.24
HSL	333°, 31%, 66%
HSV	333°, 28%, 76%
XYZ	38.8221, 33.3685, 39.9919
YIQ	159.8820, 24.4800, 18.9120

Conversions

Conversions Part 2

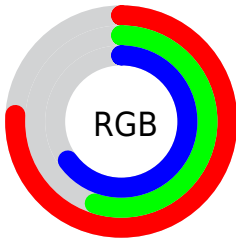
Format	Color
R_{YB}	195, 141, 165
Decimal	12815781
CIE _{Lab}	64.46, 24.18, -4.51
CIE _{LCh}	64, 24.594, 349.436
Yxy	33.3685, 0.3461, 0.2974
Android (android.graphics.Color)	4291005861 (0xFFC38DA5)
YUV	159.8820, 2.5232, 30.7985
Hunter-Lab	57.7654, 18.8739, -0.6116

Details

The Decimal color **12815781** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9290667**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16565212**, and **9198193** is the 20% darker color. If you saturate the color by 10%, you get **12810906**, and if you desaturate by 10%, it is **12820912**.

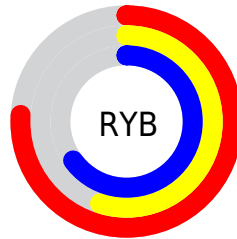
Distribution



Red (76%)

Green (55%)

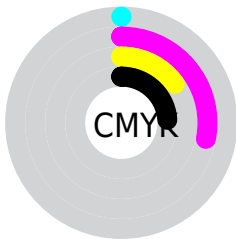
Blue (65%)



Red (76%)

Yellow (55%)

Blue (65%)

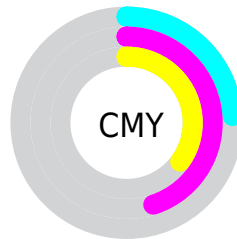


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (45%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12815781 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 12815781 by changing the saturation by 10% instead.

 12815781

 12815781

16777215

 10974091

 16565212

 9198193

 16769016

 7488089

 16776447

 5843777

 4265259

 2752535

 65536

 0

 12815781

 12815781

 12810906

 12820912

 12805775

 12825787

 12800901

 12830917

 12795770

 12835792

 12790895

 12840923

 12785764

 12845030

 12780889

 12845041

 12779607

 12845052

 12845055

Harmonies

Analogous

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



11637433



12815781



13208975

Triad

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



12815781



10329971



6268605

Complementary

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



12815781



9290667

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.



6072746



12815781



8693119

Square

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



12815781



11769969



7121043



7774663

Rectangle

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



12815781



13012865



7121043



6006711

Sweetspot

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



12815781



16574705



11242947



8418168



0



8421504

Same Dimension

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



12815781



16558542



12816525



6379356



10551367



2162703

Inverse Universe

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



12815781



16558542



9289923



6379356



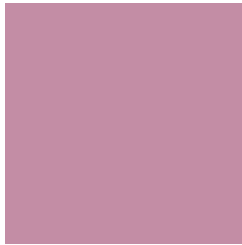
10551367



2162703

Previews

White Background



This preview shows how the Decimal color 12815781 looks on a white background.

Color Contrast Check

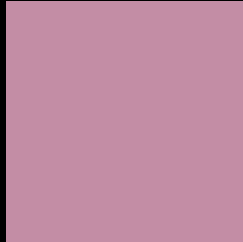
Large Text (above 18pt) WCAG AA × Fail

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 12815781 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 12815781 Background



This preview shows how black text looks on a background with the Decimal color 12815781.



This preview shows how white text looks on a background with the Decimal color 12815781.

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
12815781

Protanopia
10132654

Deuteranopia
11114659



Tritanopia
12750746

Trichromacy



Original Color
12815781

Protanomaly
11114411

Deuteranomaly
11703460

Tritanomaly
12750494

Monochromacy



Original Color
12815781

Achromatopsia
10526880

Achromatomaly
11377058

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12815781 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 #C38DA5 looks like.

```
.text, #text, p{  
    color:#C38DA5  
}
```

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 #C38DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38DA5
}
```

Border

The CSS property to change the border of an element to Decimal 12815781 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
#C38DA5 }
```

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

```
.border{ border-color:#C38DA5 }
```

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

Here you see how a box with a 4 pixel #C38DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38DA5; -webkit-box-shadow:4px 4px  
4px 4px #C38DA5; box-shadow:4px 4px 4px  
4px #C38DA5 }
```

Background

The CSS property to change the background color of an element to Decimal 12815781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38DA5 }
```

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

```
.background{ background-color:#C38DA5 }
```

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