

Converting Colors

Decimal(12805222)

Have a look what the booklet for
Decimal(12805222) contains.

Decimal(12805222)	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(12805222)

Conversions

Conversions Part 1

Format	Color
Hex	C36466
RGB	195, 100, 102
RGB Percent	76%, 39%, 40%
CMY	0.2353, 0.6078, 0.6000
CMYK	0.00, 0.49, 0.48, 0.24
HSL	359°, 44%, 58%
HSV	359°, 49%, 76%
XYZ	29.4611, 21.6758, 15.2014
YIQ	128.6330, 55.9780, 20.7620

Conversions

Conversions Part 2

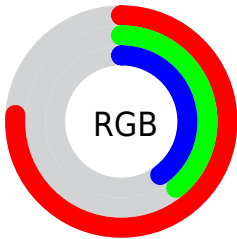
Format	Color
R_{YB}	195, 100, 102
Decimal	12805222
CIE _{Lab}	53.68, 38.03, 16.39
CIE _{LCh}	54, 41.411, 23.309
Yxy	21.6758, 0.4441, 0.3267
Android (android.graphics.Color)	4290995302 (0xFFC36466)
YUV	128.6330, -13.1301, 58.2039
Hunter-Lab	46.5572, 31.4785, 13.2312

Details

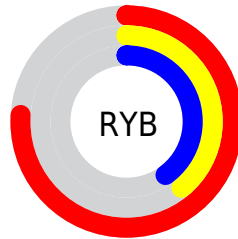
The Decimal color **12805222** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6603713**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16751001**, and **8991031** is the 20% darker color. If you saturate the color by 10%, you get **12800083**, and if you desaturate by 10%, it is **12810361**.

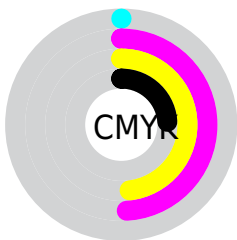
Distribution



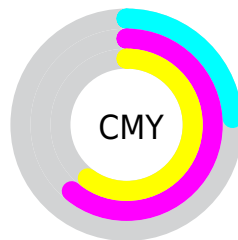
- Red (76%)
- Green (39%)
- Blue (40%)



- Red (76%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (48%)
- Black (24%)



- Cyan (24%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12805222 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 12805222 by changing the saturation by 10% instead.

 12805222

 12805222

16777215

 10898254

 16751001

 8991031

 16757940

 7149346

 16765135

 5373964

 16772587

 3670016

 1507328

 0

 12805222

 12805222

 12800083

 12810361

 12795200

 12815244

 12790317

 12820127

 12785178

 12825266

 12780295

 12830149

 12779524

 12835289

 12840428

 12845055

Harmonies

Analogous

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



12477322



12805222



11955784

Triad

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



12805222



5213780



2459335

Complementary

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



12805222



6603713

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.



36793



12805222



37495

Square

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



12805222



8030012



37531



7764674

Rectangle

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



12805222



10909499



37531



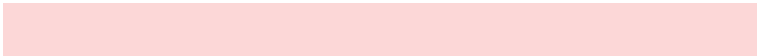
35524

Sweetspot

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



12805222



16570327



12608707



8415593



0



8421504

Same Dimension

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



12805222



16542317



12816484



6379351



10551299



2162689

Inverse Universe

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



12805222



16542317



6592451



6379351



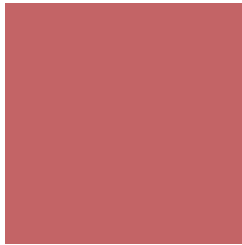
10551299



2162689

Previews

White Background



This preview shows how the Decimal color 12805222 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 12805222 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 × Fail

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

Decimal 12805222 Background



This preview shows how black text looks on a background with the Decimal color 12805222.

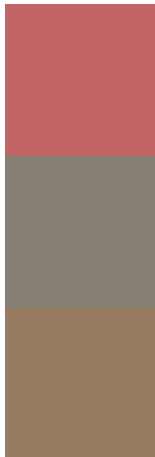


This preview shows how white text looks on a background with the Decimal color 12805222.

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
12805222

Protanopia
8814708

Deuteranopia
9927778



Tritanopia
12804970

Trichromacy



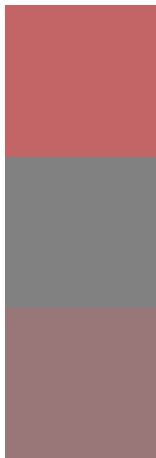
Original Color
12805222

Protanomaly
10253935

Deuteranomaly
10974051

Tritanomaly
12804969

Monochromacy



Original Color
12805222

Achromatopsia
8487297

Achromatomaly
10057335

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12805222 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 #C36466 looks like.

```
.text, #text, p{  
  color:#C36466  
}
```

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 #C36466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C36466
}
```

Border

The CSS property to change the border of an element to Decimal 12805222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

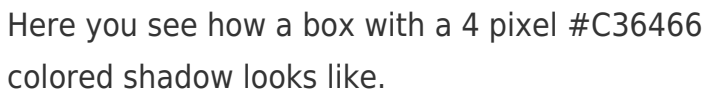
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C36466 }
```

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

```
.border{ border-color:#C36466 }
```

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



Here you see how a box with a 4 pixel `#C36466` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C36466; -webkit-box-shadow:4px 4px  
4px 4px #C36466; box-shadow:4px 4px 4px  
4px #C36466 }
```

Background

The CSS property to change the background color of an element to Decimal 12805222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C36466 }
```

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

```
.background{ background-color:#C36466 }
```

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