

Converting Colors

Decimal(12997125)

Have a look what the booklet for
Decimal(12997125) contains.

Decimal(12997125)	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(12997125)

Conversions

Conversions Part 1

Format	Color
Hex	C65205
RGB	198, 82, 5
RGB Percent	78%, 32%, 2%
CMY	0.2235, 0.6784, 0.9804
CMYK	0.00, 0.59, 0.97, 0.22
HSL	24°, 95%, 40%
HSV	24°, 97%, 78%
XYZ	26.3334, 18.0513, 2.2399
YIQ	107.9060, 93.8530, 0.6450

Conversions

Conversions Part 2

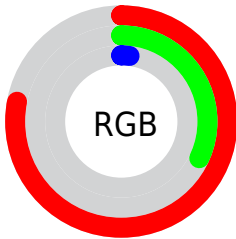
Format	Color
R_{YB}	198, 133, 5
Decimal	12997125
CIE _{Lab}	49.56, 43.38, 58.23
CIE _{LCh}	50, 72.612, 53.317
Yxy	18.0513, 0.5648, 0.3872
Android (android.graphics.Color)	4291187205 (0xFFC65205)
YUV	107.9060, -50.7327, 79.0124
Hunter-Lab	42.4868, 36.2825, 26.6150

Details

The Decimal color **12997125** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **358854**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16746303**, and **8920320** is the 20% darker color. If you saturate the color by 10%, you get **12996352**, and if you desaturate by 10%, it is **13000217**.

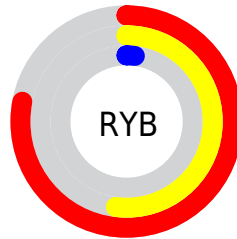
Distribution



Red (78%)

Green (32%)

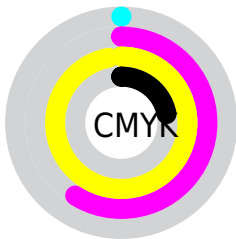
Blue (2%)



Red (78%)

Yellow (52%)

Blue (2%)

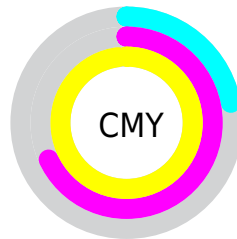


Cyan (0%)

Magenta (59%)

Yellow (97%)

Black (22%)



Cyan (22%)


















Magenta (68%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12997125 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 12997125 by changing the saturation by 10% instead.

 12997125	 12997125
16777214	 10958848
 16746303	 8920320
 16753241	 6946816
 16760435	 4980736
 16767630	 3342338
 16775081	 0
 16777157	
 16777185	
 12997125	 12997125

■ 12996352

■ 13000217

■ 13003309

■ 13006400

■ 13009492

■ 13012584

■ 13015420

■ 13018512

■ 13021603

■ 13024695

Harmonies

Analogous

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



14561097



12997125



10120704

Triad

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



12997125



36710



5008617

Complementary

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



12997125



358854

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.



33522



12997125



37029

Square

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



12997125



35619



36313



11619009

Rectangle

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



12997125



7764992



36313



29935

Sweetspot

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



12997125



16765877



12977532



8414547



0



8421504

Same Dimension

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



12997125



16737792



13020933



6511962



10699008



2362880

Inverse Universe

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



358854



39423



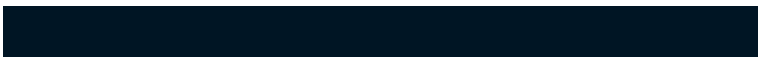
335046



5922659



25251



5412

Previews

White Background



This preview shows how the Decimal color 12997125 looks on a white background.

Color Contrast Check

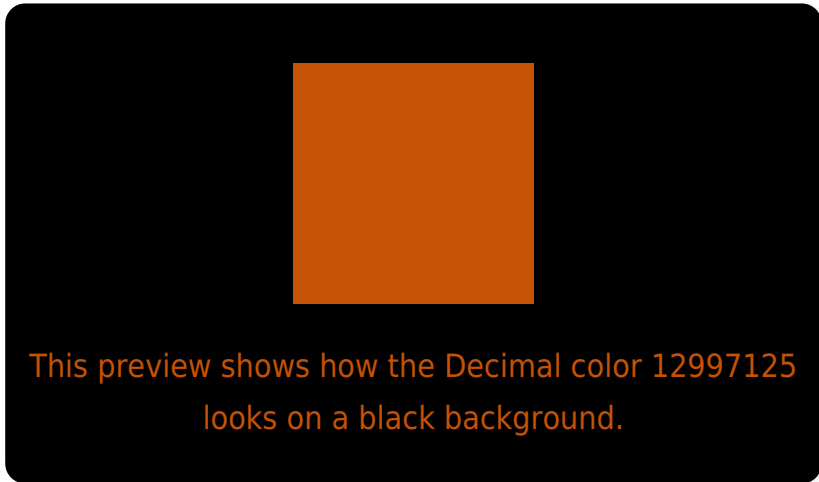
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 12997125 Background



This preview shows how black text looks on a background with the Decimal color 12997125.



This preview shows how white text looks on a background with the Decimal color 12997125.

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
12997125

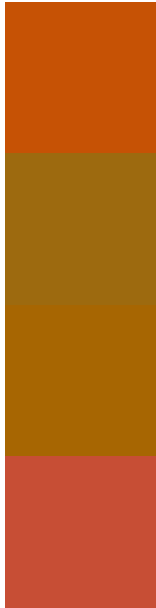
Protanopia
8812308

Deuteranopia
9859328



Tritanopia
13126737

Trichromacy



Original Color
12997125

Protanomaly
10316303

Deuteranomaly
10970626

Tritanomaly
13061685

Monochromacy



Original Color
12997125

Achromatopsia
7105644

Achromatomaly
9265991

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12997125 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 #C65205 looks like.

```
.text, #text, p{  
    color:#C65205  
}
```

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 #C65205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65205
}
```

Border

The CSS property to change the border of an element to Decimal 12997125 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
#C65205 }
```

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

```
.border{ border-color:#C65205 }
```

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

Here you see how a box with a 4 pixel #C65205 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65205; -webkit-box-shadow:4px 4px  
4px 4px #C65205; box-shadow:4px 4px 4px  
4px #C65205 }
```

Background

The CSS property to change the background color of an element to Decimal 12997125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65205 }
```

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

```
.background{ background-color:#C65205 }
```

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