

Converting Colors

Decimal(12803845)

Have a look what the booklet for
Decimal(12803845) contains.

Decimal(12803845)	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(12803845)

Conversions

Conversions Part 1

Format	Color
Hex	C35F05
RGB	195, 95, 5
RGB Percent	76%, 37%, 2%
CMY	0.2353, 0.6275, 0.9804
CMYK	0.00, 0.51, 0.97, 0.24
HSL	28°, 95%, 39%
HSV	28°, 97%, 76%
XYZ	26.6253, 19.7975, 2.5616
YIQ	114.6400, 88.4900, -6.7900

Conversions

Conversions Part 2

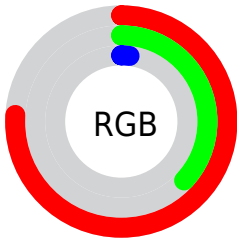
Format	Color
RYB	195, 176, 5
Decimal	12803845
CIELab	51.61, 35.74, 59.26
CIELCh	52, 69.203, 58.901
Yxy	19.7975, 0.5435, 0.4042
Android (android.graphics.Color)	4290993925 (0xFFC35F05)
YUV	114.6400, -54.0525, 70.4757
Hunter-Lab	44.4944, 28.9487, 27.7327

Details

The Decimal color **12803845** 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 **354755**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **16749377**, and **8793344** is the 20% darker color. If you saturate the color by 10%, you get **12803072**, and if you desaturate by 10%, it is **12806424**.

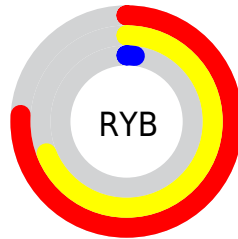
Distribution



Red (76%)

Green (37%)

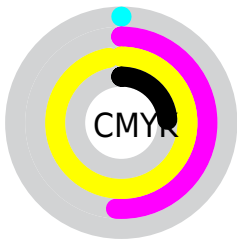
Blue (2%)



Red (76%)

Yellow (69%)

Blue (2%)

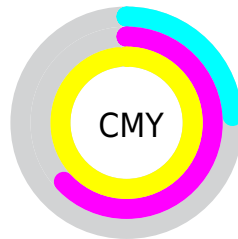


Cyan (0%)

Magenta (51%)

Yellow (97%)

Black (24%)



Cyan (24%)


















Magenta (63%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12803845 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 12803845 by changing the saturation by 10% instead.

 12803845	 12803845
16777215	 10765824
 16749377	 8793344
 16756315	 6820864
 16763510	 4915200
 16770704	 3276801
 16777132	 0
 16777160	
 16777188	
 12803845	 12803845

■ 12803072

■ 12806424

■ 12809260

■ 12811840

■ 12814419

■ 12816999

■ 12819834

■ 12822414

■ 12824993

■ 12827573

Harmonies

Analogous

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



14565702



12803845



9861120

Triad

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



12803845



38263



7367908

Complementary

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



12803845



354755

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.



33778



12803845



38323

Square

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



12803845



37177



37088



12537273

Rectangle

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



12803845



7439104



37088



4093420

Sweetspot

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



12803845



16570035



12780906



8415315



0



8421504

Same Dimension

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



12803845



16545792



12827909



6380631



10570752



2166784

Inverse Universe

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



354755



34300



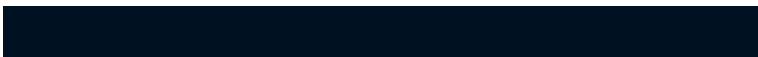
330691



5725281



21921



4385

Previews

White Background



This preview shows how the Decimal color 12803845 looks on a white background.

Color Contrast Check

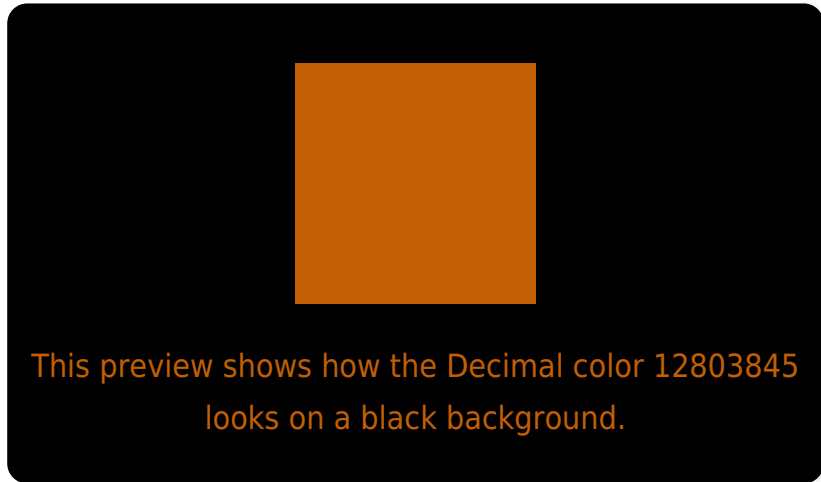
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 12803845 Background



This preview shows how black text looks on a background with the Decimal color 12803845.



This preview shows how white text looks on a background with the Decimal color 12803845.

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
12803845

Protanopia
9141266

Deuteranopia
10253568



Tritanopia
12998750

Trichromacy



Original Color
12803845

Protanomaly
10449165

Deuteranomaly
11169026

Tritanomaly
12933950

Monochromacy



Original Color
12803845

Achromatopsia
7566195

Achromatomaly
9464907

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12803845 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 #C35F05 looks like.

```
.text, #text, p{  
    color:#C35F05  
}
```

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 #C35F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35F05
}
```

Border

The CSS property to change the border of an element to Decimal 12803845 is called "border". The border property can be set on classes, ids or directly on the HTML element.

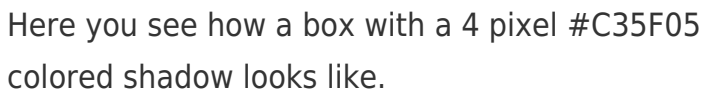
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C35F05 }
```

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

```
.border{ border-color:#C35F05 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #C35F05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35F05; -webkit-box-shadow:4px 4px  
4px 4px #C35F05; box-shadow:4px 4px 4px  
4px #C35F05 }
```

Background

The CSS property to change the background color of an element to Decimal 12803845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35F05 }
```

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

```
.background{ background-color:#C35F05 }
```

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