

Converting Colors

Decimal(12800521)

Have a look what the booklet for
Decimal(12800521) contains.

Decimal(12800521)	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(12800521)

Conversions

Conversions Part 1

Format	Color
Hex	C35209
RGB	195, 82, 9
RGB Percent	76%, 32%, 4%
CMY	0.2353, 0.6784, 0.9647
CMYK	0.00, 0.58, 0.95, 0.24
HSL	24°, 91%, 40%
HSV	24°, 95%, 76%
XYZ	25.5723, 17.6564, 2.3187
YIQ	107.4650, 90.7810, 1.2530

Conversions

Conversions Part 2

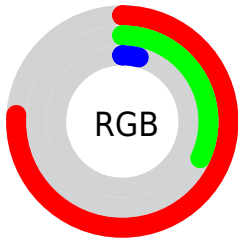
Format	Color
R_{YB}	195, 129, 9
Decimal	12800521
CIE _{Lab}	49.08, 42.28, 56.77
CIE _{LCh}	49, 70.782, 53.319
Yxy	17.6564, 0.5614, 0.3876
Android (android.graphics.Color)	4290990601 (0xFFC35209)
YUV	107.4650, -48.5432, 76.7682
Hunter-Lab	42.0195, 35.0975, 26.1420

Details

The Decimal color **12800521** 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 **621251**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16746049**, and **8723712** is the 20% darker color. If you saturate the color by 10%, you get **12799232**, and if you desaturate by 10%, it is **12803612**.

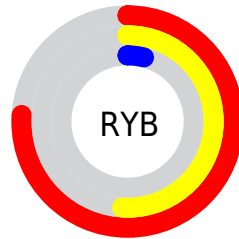
Distribution



Red (76%)

Green (32%)

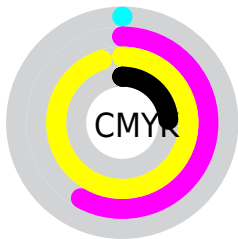
Blue (4%)



Red (76%)

Yellow (51%)

Blue (4%)

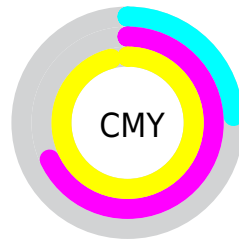


Cyan (0%)

Magenta (58%)

Yellow (95%)

Black (24%)



Cyan (24%)


















Magenta (68%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12800521 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 12800521 by changing the saturation by 10% instead.

 12800521	 12800521
16777215	 10762240
 16746049	 8723712
 16753243	 6750208
 16760181	 4849664
 16767631	 3211266
 16775082	 0
 16777158	
 16777187	
 12800521	 12800521

■ 12799232

■ 12803612

■ 12806704

■ 12809795

■ 12812631

■ 12815723

■ 12818814

■ 12821906

■ 12824997

■ 12828088

Harmonies

Analogous

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



14299465



12800521



10054912

Triad

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



12800521



36453



5073892

Complementary

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



12800521



621251

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.



33005



12800521



36771

Square

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



12800521



35108



35797



11422397

Rectangle

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



12800521



7698944



35797



29675

Sweetspot

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



12800521



16568499



12781948



8414291



0



8421504

Same Dimension

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



12800521



16540416



12823817



6380375



10567424



2166016

Inverse Universe

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



621251



39420



597955



5725537



25249



5153

Previews

White Background



This preview shows how the Decimal color 12800521 looks on a white background.

Color Contrast Check

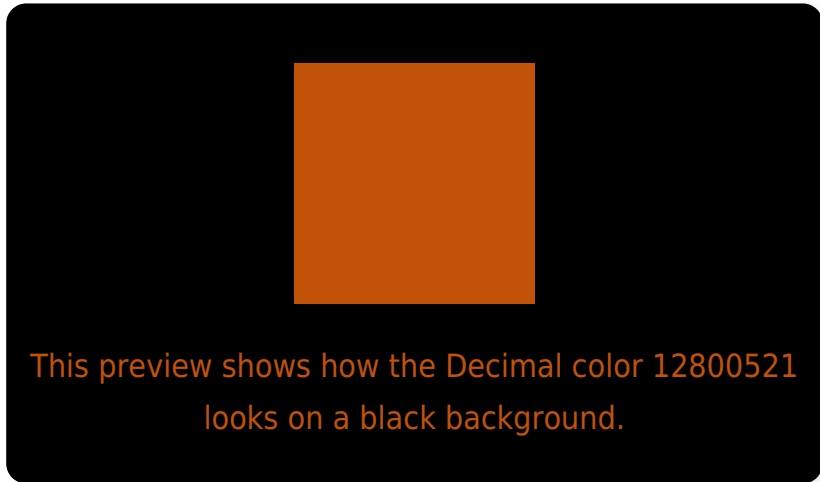
Large Text (above 18pt) WCAG AA ✓ Pass

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 12800521 Background



This preview shows how black text looks on a background with the Decimal color 12800521.



This preview shows how white text looks on a background with the Decimal color 12800521.

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

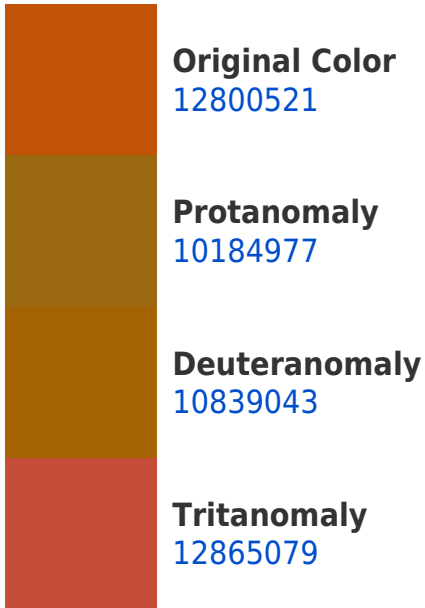


Original Color
12800521

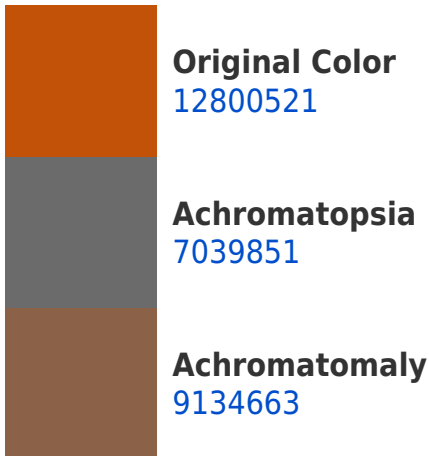
Protanopia
8680981

Deuteranopia
9727744

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12800521 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 #C35209 looks like.

```
.text, #text, p{  
    color:#C35209  
}
```

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 #C35209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35209
}
```

Border

The CSS property to change the border of an element to Decimal 12800521 is called "border". The border property can be set on classes, ids or directly on the HTML element.

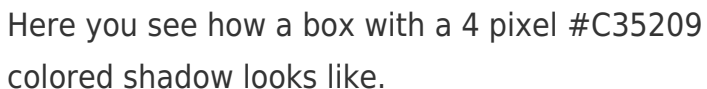
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C35209 }
```

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

```
.border{ border-color:#C35209 }
```

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



Here you see how a box with a 4 pixel `#C35209` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35209; -webkit-box-shadow:4px 4px  
4px 4px #C35209; box-shadow:4px 4px 4px  
4px #C35209 }
```

Background

The CSS property to change the background color of an element to Decimal 12800521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35209 }
```

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

```
.background{ background-color:#C35209 }
```

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