

Converting Colors

Decimal(12953100)

Have a look what the booklet for
Decimal(12953100) contains.

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Color

Decimal(12953100)

Conversions

Conversions Part 1

Format	Color
Hex	C5A60C
RGB	197, 166, 12
RGB Percent	77%, 65%, 5%
CMY	0.2275, 0.3490, 0.9529
CMYK	0.00, 0.16, 0.94, 0.23
HSL	50°, 89%, 41%
HSV	50°, 94%, 77%
XYZ	36.7285, 39.1693, 5.9725
YIQ	157.7130, 67.9100, -41.3220

Conversions

Conversions Part 2

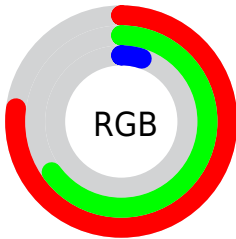
Format	Color
R _Y B	49, 197, 12
Decimal	12953100
CIE Lab	68.87, -1.65, 70.34
CIE LCh	69, 70.363, 91.342
Yxy	39.1693, 0.4486, 0.4784
Android (android.graphics.Color)	4291143180 (0xFFC5A60C)
YUV	157.7130, -71.8365, 34.4547
Hunter-Lab	62.5854, -4.7708, 38.1518

Details

The Decimal color **12953100** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **797637**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16768337**, and **9073408** is the 20% darker color. If you saturate the color by 10%, you get **12952576**, and if you desaturate by 10%, it is **12953888**.

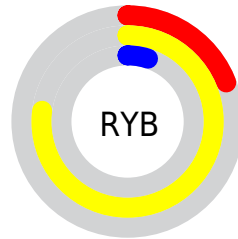
Distribution



Red (77%)

Green (65%)

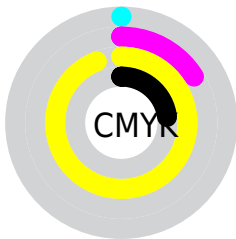
Blue (5%)



Red (19%)

Yellow (77%)

Blue (5%)

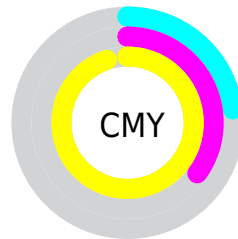


Cyan (0%)

Magenta (16%)

Yellow (94%)

Black (23%)



Cyan (23%)



















Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12953100 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 12953100 by changing the saturation by 10% instead.

 12953100	 12953100
16777215	 10980352
 16768337	 9073408
 16775533	 7232000
 16777097	 5391104
 16777125	 3681536
 16777153	 2038016
 16777182	 0
 16777212	
 12953100	 12953100

■ 12952576

■ 12953888

■ 12954931

■ 12955719

■ 12956507

■ 12957551

■ 12958338

■ 12959126

■ 12959914

■ 12960957

Harmonies

Analogous

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



16223540



12953100



8763182

Triad

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



12953100



50665



16218598

Complementary

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



12953100



797637

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.



11245311



12953100



48895

Square

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



12953100



50857



45055



16738728

Rectangle

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



12953100



4767571



45055



14910200

Sweetspot

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



12953100



16774072



12913710



8419412



0



8421504

Same Dimension

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



12953100



16765952



9094412



6513242



10717184



2366976

Inverse Universe

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



797637



11263



4656325



5921635



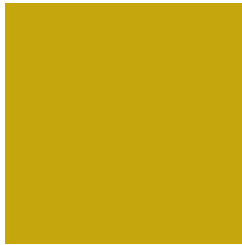
7075



1572

Previews

White Background



This preview shows how the Decimal color 12953100 looks on a white background.

Color Contrast Check

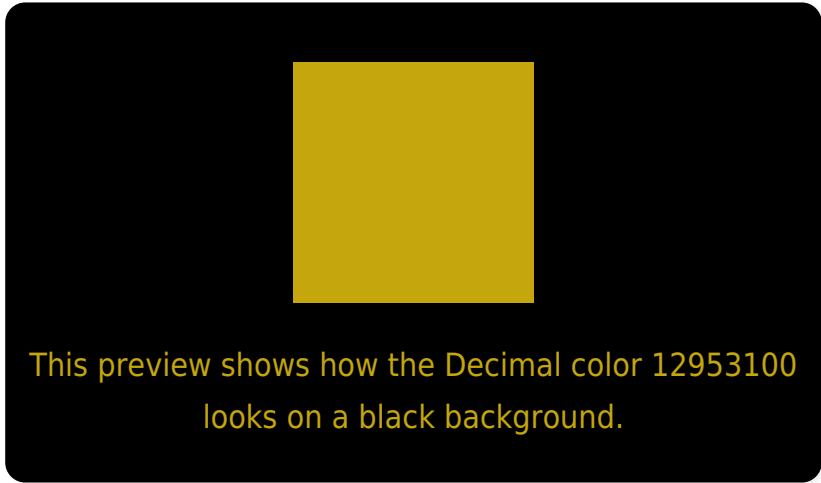
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 12953100 Background



This preview shows how black text looks on a background with the Decimal color 12953100.

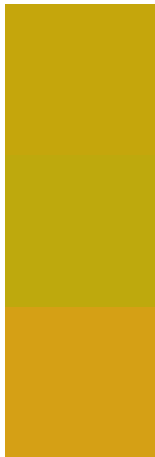


This preview shows how white text looks on a background with the Decimal color 12953100.

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
12953100

Protanopia
12495117

Deuteranopia
14000149



Tritanopia
13540006

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12953100 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 #C5A60C looks like.

```
.text, #text, p{  
    color:#C5A60C  
}
```

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 #C5A60C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A60C
}
```

Border

The CSS property to change the border of an element to Decimal 12953100 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
#C5A60C }
```

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

```
.border{ border-color:#C5A60C }
```

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

Here you see how a box with a 4 pixel #C5A60C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A60C; -webkit-box-shadow:4px 4px  
4px 4px #C5A60C; box-shadow:4px 4px 4px  
4px #C5A60C }
```

Background

The CSS property to change the background color of an element to Decimal 12953100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A60C }
```

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

```
.background{ background-color:#C5A60C }
```

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](#).

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