

# Converting Colors

Decimal(13088795)

Have a look what the booklet for  
Decimal(13088795) contains.

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# **Color**

**Decimal(13088795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B81B
RGB	199, 184, 27
RGB Percent	78%, 72%, 11%
CMY	0.2196, 0.2784, 0.8941
CMYK	0.00, 0.08, 0.86, 0.22
HSL	55°, 76%, 44%
HSV	55°, 86%, 78%
XYZ	40.8915, 46.5022, 7.8575
YIQ	170.5870, 59.3370, -45.6470

# Conversions

## Conversions Part 2

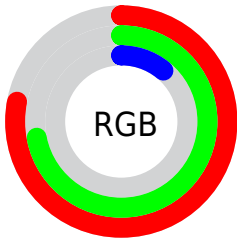
Format	Color
R <sub>Y</sub> B	43, 199, 27
Decimal	13088795
CIE Lab	73.87, -9.91, 71.68
CIE LCh	74, 72.364, 97.874
Yxy	46.5022, 0.4293, 0.4882
Android (android.graphics.Color)	4291278875 (0xFFC7B81B)
YUV	170.5870, -70.7884, 24.9182
Hunter-Lab	68.1925, -12.2998, 40.9031

# Details

The Decimal color **13088795** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1780423**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16773211**, and **9274112** is the 20% darker color. If you saturate the color by 10%, you get **13088263**, and if you desaturate by 10%, it is **13089327**.

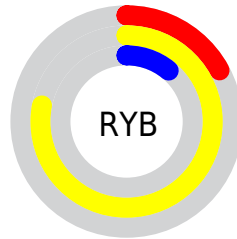
# Distribution



Red (78%)

Green (72%)

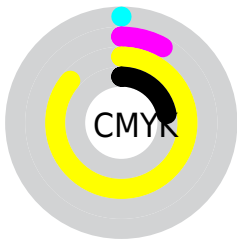
Blue (11%)



Red (17%)

Yellow (78%)

Blue (11%)

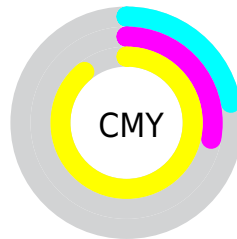


Cyan (0%)

Magenta (8%)

Yellow (86%)

Black (22%)



Cyan (22%)

Magenta (28%)




















Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13088795 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 13088795 by changing the saturation by 10% instead.



 13088795	 13088795
 16777215	 11181312
 16773211	 9274112
 16777079	 7432704
 16777107	 5591808
 16777135	 3816448
 16777164	 2172416
 16777194	 4864
	 0
 13088795	 13088795

■ 13088263

■ 13089327

■ 13088256

■ 13089603

■ 13090135

■ 13090667

■ 13091198

■ 13091474

■ 13092006

■ 13092538

■ 13093070

# Harmonies

## Analogous

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



16687155



13088795



8439875

# Triad

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



13088795



54271



16744681

# Complementary

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



13088795



1780423

# 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.



13606143



13088795



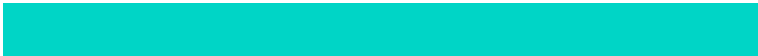
51967

# Square

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



13088795



54726



3782655



16741799

# Rectangle

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



13088795



3329899



3782655



16746749



# Sweetspot

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



13088795



16775613



13048620



8420440



0



8421504



# Same Dimension

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



13088795



16771328



8570651



6513498



10720512



2367744



# Inverse Universe

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



1780423



5887



6298567



5921379



3747



804



# Previews

## White Background



This preview shows how the Decimal color 13088795 looks on a white background.

## Color Contrast Check

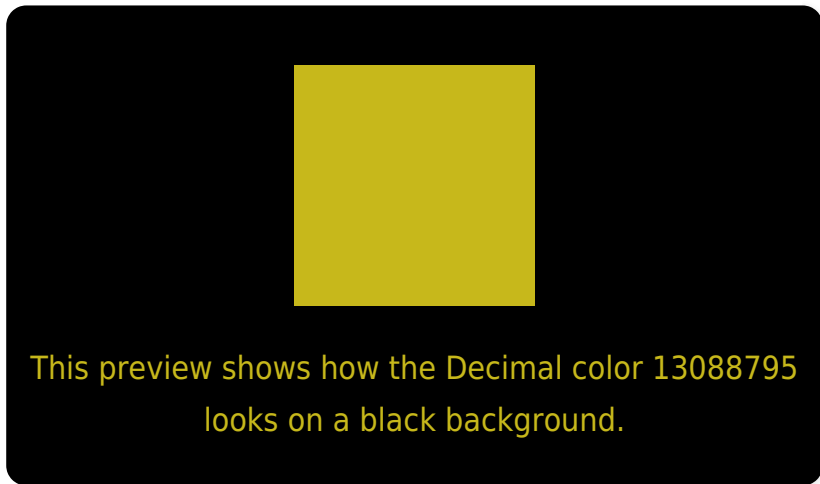
Large Text (above 18pt) WCAG AA × Fail

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 13088795 Background



This preview shows how black text looks on a background with the Decimal color 13088795.



This preview shows how white text looks on a background with the Decimal color 13088795.

# 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**  
13088795

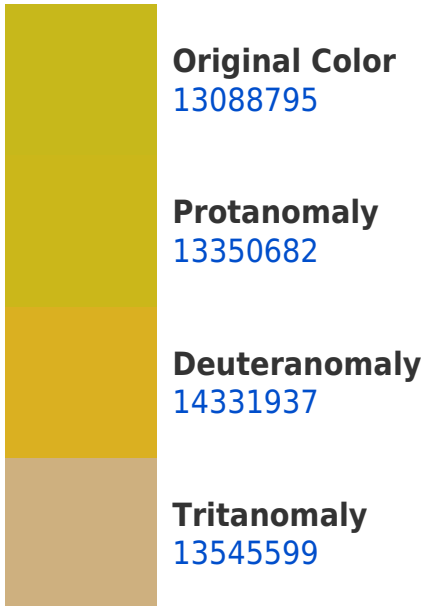
**Protanopia**  
13481498

**Deuteranopia**  
15051812



**Tritanopia**  
13806520

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13088795 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 #C7B81B looks like.

```
.text, #text, p{  
    color:#C7B81B  
}
```

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 #C7B81B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B81B
}
```

## Border

The CSS property to change the border of an element to Decimal 13088795 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
#C7B81B }
```

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

```
.border{ border-color:#C7B81B }
```

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

Here you see how a box with a 4 pixel #C7B81B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B81B; -webkit-box-shadow:4px 4px  
4px 4px #C7B81B; box-shadow:4px 4px 4px  
4px #C7B81B }
```

# Background

The CSS property to change the background color of an element to Decimal 13088795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B81B }
```

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

```
.background{ background-color:#C7B81B }
```

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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