

# Converting Colors

Decimal(13091993)

Have a look what the booklet for  
Decimal(13091993) contains.

<b>Decimal(13091993)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(13091993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7C499
RGB	199, 196, 153
RGB Percent	78%, 77%, 60%
CMY	0.2196, 0.2314, 0.4000
CMYK	0.00, 0.02, 0.23, 0.22
HSL	56°, 29%, 69%
HSV	56°, 23%, 78%
XYZ	49.0429, 53.9219, 37.9601
YIQ	191.9950, 15.5910, -12.7370

# Conversions

## Conversions Part 2

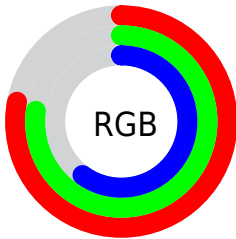
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 199, 153
Decimal	13091993
CIELab	78.42, -5.93, 22.02
CIElCh	78, 22.809, 105.072
Yxy	53.9219, 0.3480, 0.3826
Android (android.graphics.Color)	4291282073 (0xFFC7C499)
YUV	191.9950, -19.2245, 6.1434
Hunter-Lab	73.4315, -9.2899, 20.7523

# Details

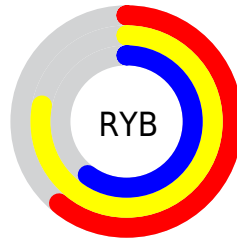
The Decimal color **13091993** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **10067143**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16776656**, and **9539174** is the 20% darker color. If you saturate the color by 10%, you get **13091717**, and if you desaturate by 10%, it is **13092269**.

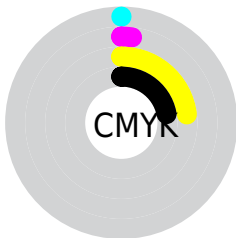
# Distribution



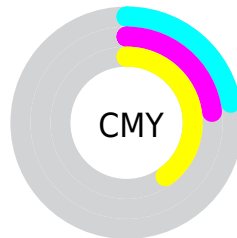
- Red (78%)
- Green (77%)
- Blue (60%)



- Red (61%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13091993 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 13091993 by changing the saturation by 10% instead.



■ 13091993

■ 13091993

16777215

■ 11250047

■ 16776656

■ 9539174

■ 16777196

■ 7828813

■ 6118454

■ 4539680

■ 3026698

■ 1645056

■ 0

■ 13091993

■ 13091993

 13091717

 13092269

 13091185

 13092801

 13090909

 13093077

 13090633

 13093353

 13090358

 13093629

 13089826

 13094143

 13089550

 13094399

 13089280

 13094655

 13095167

# Harmonies

## Analogous

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



14466458



13091993



11520676

# Triad

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



13091993



9096415



15119565

# Complementary

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



13091993



10067143

# 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.



13875680



13091993



10274794

# Square

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



13091993



9031372



12108011



15643576

# Rectangle

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



13091993



10472623



12108011



14792148



# Sweetspot

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



13091993



16776941



13080988



8421237



0



8421504



# Same Dimension

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



13091993



16775864



11782041



6513498



10721536



2367744



# Inverse Universe

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



10067143



12107007



11377095



5921379



2979

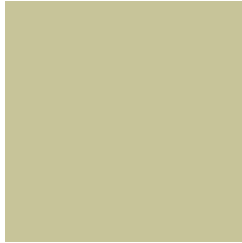


548



# Previews

## White Background



This preview shows how the Decimal color 13091993 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



This preview shows how the Decimal color 13091993 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

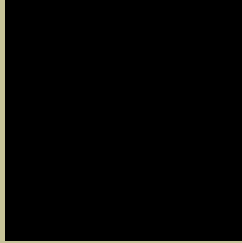
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

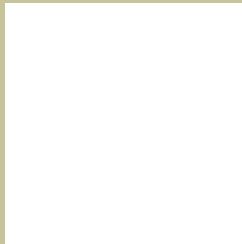
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13091993 Background



This preview shows how black text looks on a background with the Decimal color 13091993.




This preview shows how white text looks on a background with the Decimal color 13091993.

# 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](#).

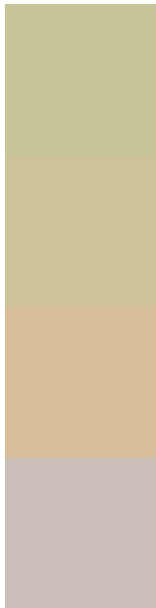
## Dichromacy





**Tritanopia**  
13549004

# Trichromacy



**Original Color**  
13091993

**Protanomaly**  
13419416

**Deuteranomaly**  
14204570

**Tritanomaly**  
13353145

# Monochromacy



**Original Color**  
13091993

**Achromatopsia**  
12632256

**Achromatomaly**  
12829106

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13091993 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 #C7C499 looks like.

```
.text, #text, p{  
    color:#C7C499  
}
```

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 #C7C499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7C499
}
```

## Border

The CSS property to change the border of an element to Decimal 13091993 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
#C7C499 }
```

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

```
.border{ border-color:#C7C499 }
```

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

Here you see how a box with a 4 pixel #C7C499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7C499; -webkit-box-shadow:4px 4px  
4px 4px #C7C499; box-shadow:4px 4px 4px  
4px #C7C499 }
```

# Background

The CSS property to change the background color of an element to Decimal 13091993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7C499 }
```

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

```
.background{ background-color:#C7C499 }
```

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