

Converting Colors

Hex(C1A633)

Have a look what the booklet for
Hex(C1A633) contains.

Hex(C1A633)	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

Hex(C1A633)

Conversions

Conversions Part 1

Format	Color
Hex	C1A633
RGB	193, 166, 51
RGB Percent	76%, 65%, 20%
CMY	0.2431, 0.3490, 0.8000
CMYK	0.00, 0.14, 0.74, 0.24
HSL	49°, 58%, 48%
HSV	49°, 74%, 76%
XYZ	36.2261, 38.8489, 8.7212
YIQ	160.9630, 53.0070, -30.0410

Conversions

Conversions Part 2

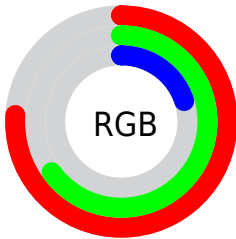
Format	Color
RYB	84, 193, 51
Decimal	12690995
CIELab	68.64, -2.32, 59.72
CIELCh	69, 59.766, 92.220
Yxy	38.8489, 0.4323, 0.4636
Android (android.graphics.Color)	4290881075 (0xFFC1A633)
YUV	160.9630, -54.2118, 28.0964
Hunter-Lab	62.3289, -5.3299, 35.3342

Details

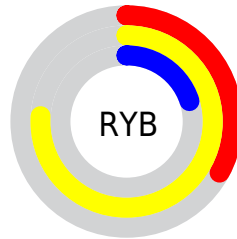
The Hex color **C1A633** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **334EC1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FDDD69**, and **887300** is the 20% darker color. If you saturate the color by 10%, you get **C1A220**, and if you desaturate by 10%, it is **C1AA46**.

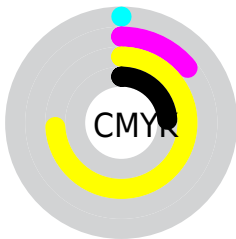
Distribution



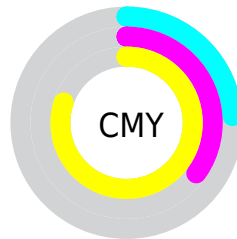
- Red (76%)
- Green (65%)
- Blue (20%)



- Red (33%)
- Yellow (76%)
- Blue (20%)



- Cyan (0%)
- Magenta (14%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (35%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1A633 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 Hex color C1A633 by changing the saturation by 10% instead.



C1A633



C1A633

FFFFFF



A48C13



FDDD69



887300



FFF984



6C5A00



FFFFA0



514300



FFFFBC



362D00



FFFFD8



1E1900



FFFFF5



000000



C1A633



C1A633



C1A220



C1AA46

 C19F0C

 C1AD5A

 C19C00

 C1B16D

 C1B580

 C1B893

 C1BCA7

 C1C0BA

 C1C3CD

 C1C7E1

Harmonies

Analogous

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



EC9247



C1A633



8AB546

Triad

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



C1A633



00C1E0



EC82DB

Complementary

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



C1A633



334EC1

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.



AF97FF



C1A633



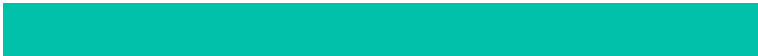
00BAFF

Square

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



C1A633



00C2AA



32ACFF



FF76A6

Rectangle

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



C1A633



5BBC62



32ACFF



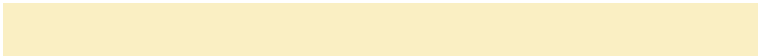
DC88EA

Sweetspot

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



C1A633



FAEFC3



C1334F



7D775C



FCFCFC



7D7D7D

Same Dimension

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



C1A633



FAD01E



96C133



615F57



A18200



211B00

Inverse Universe

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



334EC1



1E48FA



5E33C1



575961



001FA1



000621

Previews

White Background



This preview shows how the Hex color C1A633 looks on a white background.

Color Contrast Check

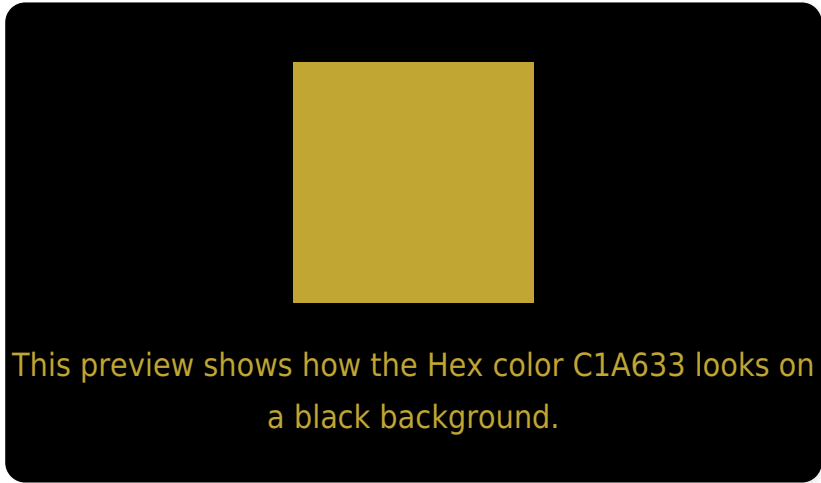
Large Text (above 18pt) WCAG AA × Fail

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](#).

Hex C1A633 Background



This preview shows how black text looks on a background with the Hex color C1A633.



This preview shows how white text looks on a background with the Hex color C1A633.

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
C1A633

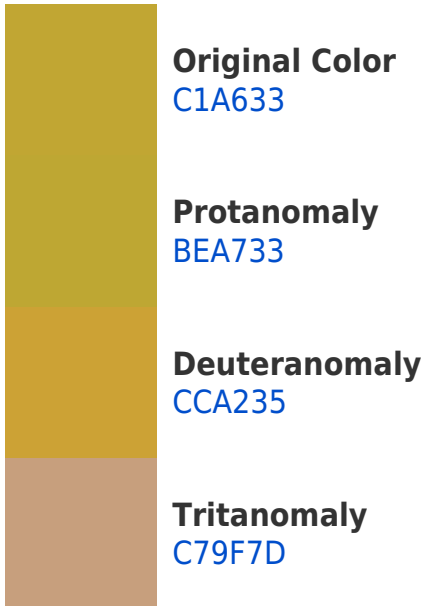
Protanopia
BCA833

Deuteranopia
D29F36

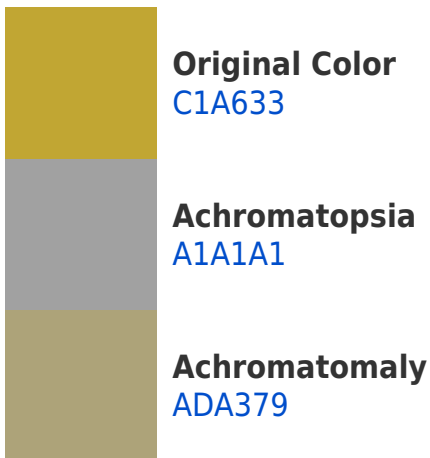


Tritanopia
CA9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1A633 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 #C1A633 looks like.

```
.text, #text, p{  
    color:#C1A633  
}
```

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 #C1A633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1A633
}
```

Border

The CSS property to change the border of an element to Hex C1A633 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
#C1A633 }
```

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

```
.border{ border-color:#C1A633 }
```

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

Here you see how a box with a 4 pixel #C1A633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1A633; -webkit-box-shadow:4px 4px  
4px 4px #C1A633; box-shadow:4px 4px 4px  
4px #C1A633 }
```

Background

The CSS property to change the background color of an element to Hex C1A633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1A633 }
```

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

```
.background{ background-color:#C1A633 }
```

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