

Converting Colors

Hex(C1A355)

Have a look what the booklet for
Hex(C1A355) contains.

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Color

Hex(C1A355)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C1A355 |
| RGB | 193, 163, 85 |
| RGB Percent | 76%, 64%, 33% |
| CMY | 0.2431, 0.3608, 0.6667 |
| CMYK | 0.00, 0.16, 0.56, 0.24 |
| HSL | 43°, 47%, 55% |
| HSV | 43°, 56%, 76% |
| XYZ | 36.7292, 38.1877, 14.0295 |
| YIQ | 163.0780, 42.9180, -17.8980 |

Conversions

Conversions Part 2

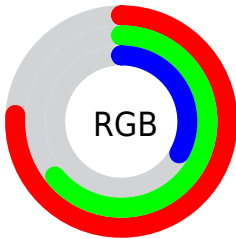
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 127, 193, 85 |
| Decimal | 12690261 |
| CIELab | 68.16, 1.44, 44.09 |
| CIELCh | 68, 44.109, 88.134 |
| Yxy | 38.1877, 0.4129, 0.4293 |
| Android (android.graphics.Color) | 4290880341 (0xFFC1A355) |
| YUV | 163.0780, -38.4925, 26.2416 |
| Hunter-Lab | 61.7962, -2.0501, 29.7969 |

Details

The Hex color **C1A355** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5573C1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FCDA89**, and **897023** is the 20% darker color. If you saturate the color by 10%, you get **C19E42**, and if you desaturate by 10%, it is **C1A868**.

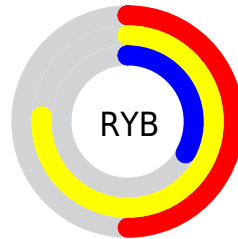
Distribution



Red (76%)

Green (64%)

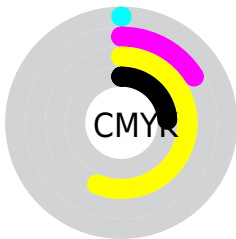
Blue (33%)



Red (50%)

Yellow (76%)

Blue (33%)

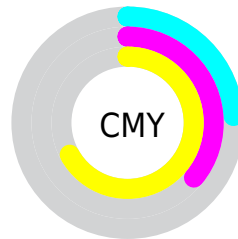


Cyan (0%)

Magenta (16%)

Yellow (56%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1A355 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 C1A355 by changing the saturation by 10% instead.

 C1A355

 C1A355

FFFFFF

 A5893C

 FCDA89

 897023

 FFF6A4

 6E5706


 FFFFBF

 534000

 FFFFDB

 3A2B00

 FFFFF8

 211600

 000000

 C1A355

 C1A355

 C19E42

 C1A868

 C1982E

 C1AE7C

 C1931B

 C1B38F

 C18E08

 C1B8A2

 C18B00

 C1BEB6

 C1C3C9

 C1C9DC

 C1CEEF

 C1D3FF

Harmonies

Analogous

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



E09563



C1A355



99AF5E

Triad

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



C1A355



00BACA



D58ED1

Complementary

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



C1A355



5573C1

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.



A69DEC



C1A355



00B5E9

Square

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



C1A355



18BBA2



60ABF5



EE86AA

Rectangle

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



C1A355



79B56F



60ABF5



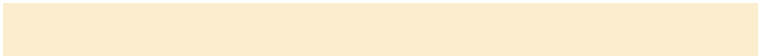
C893DC

Sweetspot

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



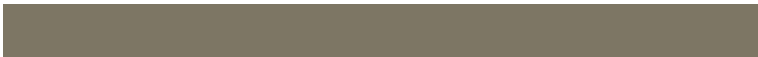
C1A355



FAEECF



C15574



7D7664



FCFCFC



7D7D7D

Same Dimension

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



C1A355



FACB52



AAC155



615E57



A17400



211800

Inverse Universe

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



5573C1



5281FA



6C55C1



575A61



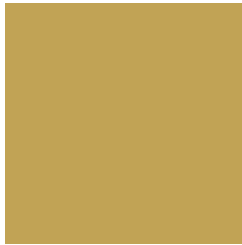
002DA1



000921

Previews

White Background



This preview shows how the Hex color C1A355 looks on a white background.

Color Contrast Check

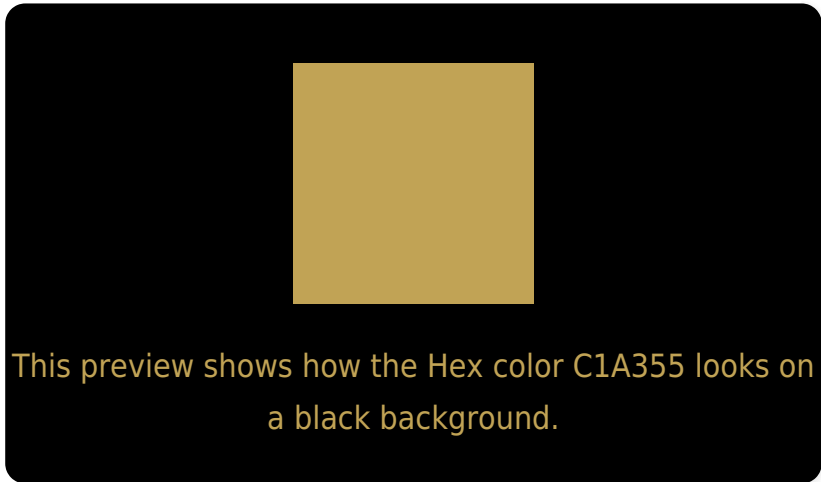
Large Text (above 18pt) WCAG AA × Fail

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 C1A355 Background



This preview shows how black text looks on a background with the Hex color C1A355.

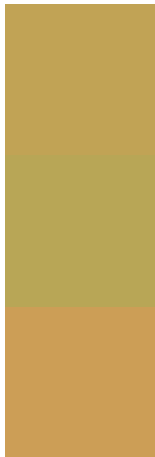


This preview shows how white text looks on a background with the Hex color C1A355.

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
C1A355

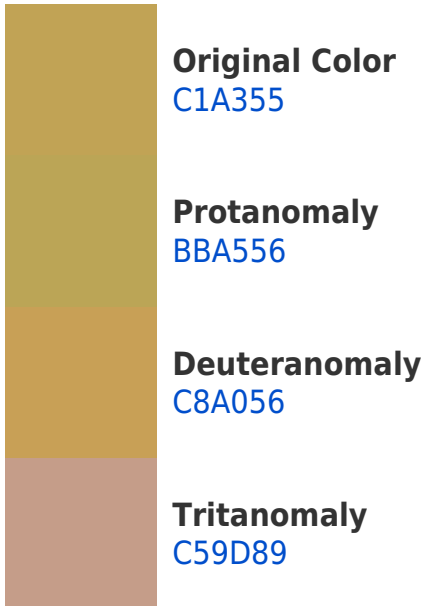
Protanopia
B8A656

Deuteranopia
CC9E56

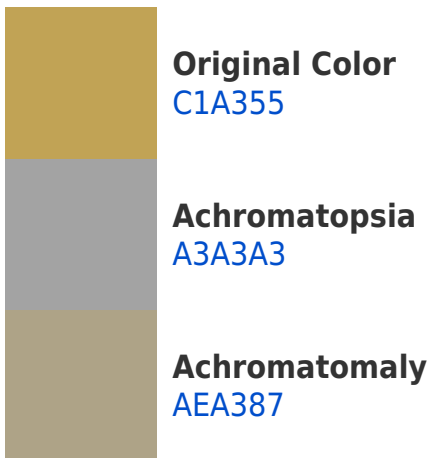


Tritanopia
C89AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1A355 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 #C1A355 looks like.

```
.text, #text, p{  
    color:#C1A355  
}
```

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 #C1A355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1A355
}
```

Border

The CSS property to change the border of an element to Hex C1A355 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
#C1A355 }
```

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

```
.border{ border-color:#C1A355 }
```

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

Here you see how a box with a 4 pixel #C1A355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1A355; -webkit-box-shadow:4px 4px  
4px 4px #C1A355; box-shadow:4px 4px 4px  
4px #C1A355 }
```

Background

The CSS property to change the background color of an element to Hex C1A355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1A355 }
```

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

```
.background{ background-color:#C1A355 }
```

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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