

Converting Colors

Hex(CDA53A)

Have a look what the booklet for
Hex(CDA53A) contains.

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Color

Hex(CDA53A)

Conversions

Conversions Part 1

Format	Color
Hex	CDA53A
RGB	205, 165, 58
RGB Percent	80%, 65%, 23%
CMY	0.1961, 0.3529, 0.7725
CMYK	0.00, 0.20, 0.72, 0.20
HSL	44°, 60%, 52%
HSV	44°, 72%, 80%
XYZ	39.3957, 40.1949, 9.6850
YIQ	164.7620, 58.1870, -24.7970

Conversions

Conversions Part 2

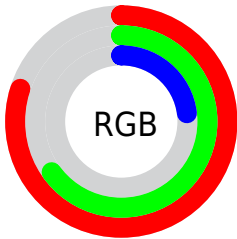
Format	Color
RYB	113, 205, 58
Decimal	13477178
CIELab	69.61, 3.80, 58.32
CIELCh	70, 58.446, 86.275
Yxy	40.1949, 0.4413, 0.4502
Android (android.graphics.Color)	4291667258 (0xFFCDA53A)
YUV	164.7620, -52.6337, 35.2887
Hunter-Lab	63.3994, -0.0312, 35.3224

Details

The Hex color **CDA53A** 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 **3A62CD**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFDC6F**, and **937200** is the 20% darker color. If you saturate the color by 10%, you get **CD9F25**, and if you desaturate by 10%, it is **CDAB4E**.

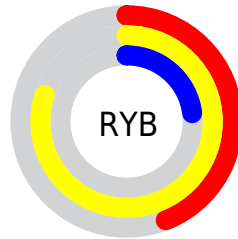
Distribution



Red (80%)

Green (65%)

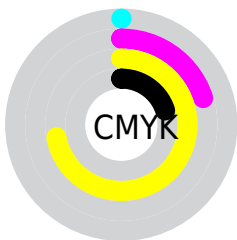
Blue (23%)



Red (44%)

Yellow (80%)

Blue (23%)

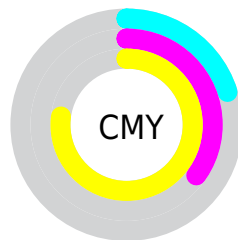


Cyan (0%)

Magenta (20%)

Yellow (72%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA53A 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 CDA53A by changing the saturation by 10% instead.

 CDA53A

 CDA53A

FFFFFF

 B08B1D

 FFDC6F

 937200

 FFF88A

 775900

 FFFFA6

 5B4200

 FFFFC2

 402C00

 FFFFDE

 271800

FFFFFFC

 050000

 000000

 CDA53A

 CDA53A

■ CD9F25

■ CDAB4E

■ CD9A11

■ CDB063

■ CD9500

■ CDB677

■ CDBB8C

■ CDC1A1

■ CDC6B5

■ CDCCCA

■ CDD2DE

■ CDD7F3

Harmonies

Analogous

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



F59152



CDA53A



99B545

Triad

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



CDA53A



00C4D7



E589E6

Complementary

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



CDA53A



3A62CD

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.



A19FFF



CDA53A



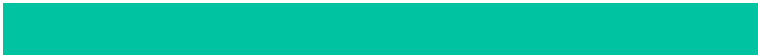
00BEFF

Square

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



CDA53A



00C4A1



00B2FF



FF7BB3

Rectangle

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



CDA53A



6FBC5D



00B2FF



D290F4

Sweetspot

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



CDA53A



FFF0C7



CD3A64



80765E



000000



808080

Same Dimension

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



CDA53A



FFC324



ADCD3A



66635C



A67900



261C00

Inverse Universe

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



3A62CD



245FFF



5A3ACD



5C5F66



002DA6



000A26

Previews

White Background



This preview shows how the Hex color CDA53A looks on a white background.

Color Contrast Check

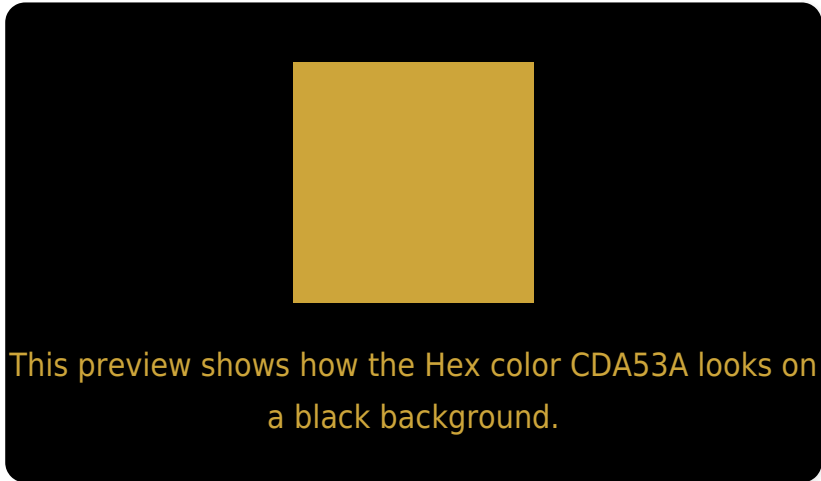
Large Text (above 18pt) WCAG AA × Fail

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 CDA53A Background



This preview shows how black text looks on a background with the Hex color CDA53A.

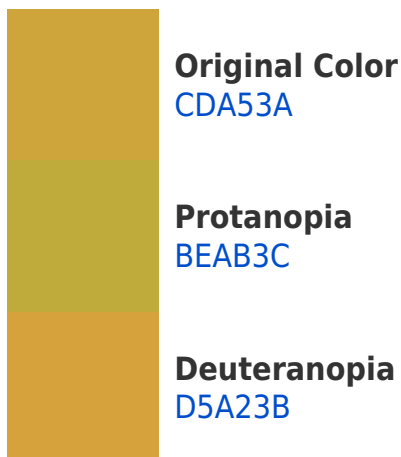


This preview shows how white text looks on a background with the Hex color CDA53A.

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](#).

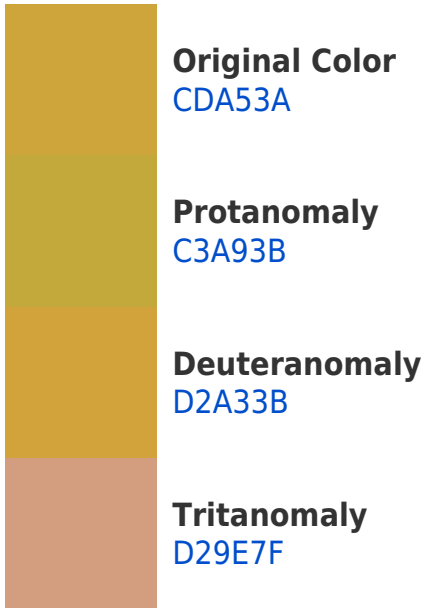
Dichromacy



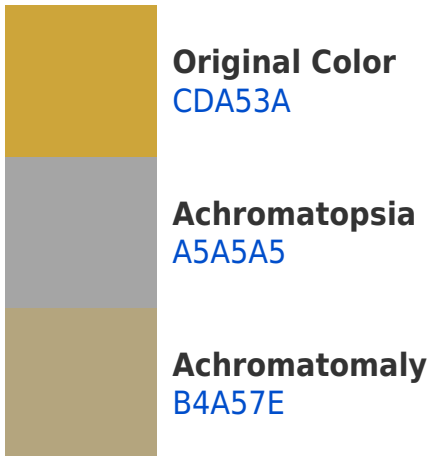


Tritanopia
D59AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA53A 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 #CDA53A looks like.

```
.text, #text, p{  
    color:#CDA53A  
}
```

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 #CDA53A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA53A
}
```

Border

The CSS property to change the border of an element to Hex CDA53A 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
#CDA53A }
```

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

```
.border{ border-color:#CDA53A }
```

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

Here you see how a box with a 4 pixel #CDA53A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA53A; -webkit-box-shadow:4px 4px  
4px 4px #CDA53A; box-shadow:4px 4px 4px  
4px #CDA53A }
```

Background

The CSS property to change the background color of an element to Hex CDA53A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA53A }
```

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

```
.background{ background-color:#CDA53A }
```

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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