

Converting Colors

Hex(C2A22E)

Have a look what the booklet for
Hex(C2A22E) contains.

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Color

Hex(C2A22E)

Conversions

Conversions Part 1

Format	Color
Hex	C2A22E
RGB	194, 162, 46
RGB Percent	76%, 64%, 18%
CMY	0.2392, 0.3647, 0.8196
CMYK	0.00, 0.16, 0.76, 0.24
HSL	47°, 62%, 47%
HSV	47°, 76%, 76%
XYZ	35.6616, 37.5073, 7.9448
YIQ	158.3440, 56.3080, -29.2920

Conversions

Conversions Part 2

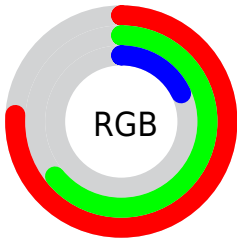
Format	Color
RYB	87, 194, 46
Decimal	12755502
CIELab	67.66, 0.04, 60.66
CIElCh	68, 60.660, 89.962
Yxy	37.5073, 0.4396, 0.4624
Android (android.graphics.Color)	4290945582 (0xFFC2A22E)
YUV	158.3440, -55.3856, 31.2703
Hunter-Lab	61.2432, -3.2358, 35.1788

Details

The Hex color **C2A22E** 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 **2E4EC2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FED965**, and **886F00** is the 20% darker color. If you saturate the color by 10%, you get **C29E1B**, and if you desaturate by 10%, it is **C2A641**.

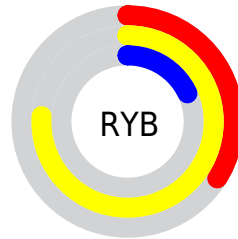
Distribution



Red (76%)

Green (64%)

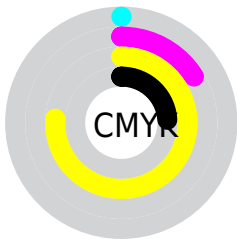
Blue (18%)



Red (34%)

Yellow (76%)

Blue (18%)

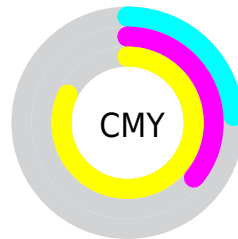


Cyan (0%)

Magenta (16%)

Yellow (76%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2A22E 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 C2A22E by changing the saturation by 10% instead.



C2A22E



C2A22E

FFFFFF



A5880B



FED965



886F00



FFF580



6C5700



FFFF9B



514000



FFFFB7



372A00



FFFFD3



1E1600



FFFFF0



000000



C2A22E



C2A22E



C29E1B



C2A641

 C29A07

 C2AA55

 C29800

 C2AF68

 C2B37C

 C2B78F

 C2BBA2

 C2BFB6

 C2C4C9

 C2C8DD

Harmonies

Analogous

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



ED8D45



C2A22E



8BB23F

Triad

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



C2A22E



00BFDA



E780DC

Complementary

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



C2A22E



2E4EC2

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.



A596FF



C2A22E



00B8FF

Square

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



C2A22E



00BFA3



00ABFF



FF72A7

Rectangle

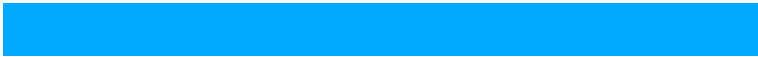
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2A22E



5DB85B



00ABFF



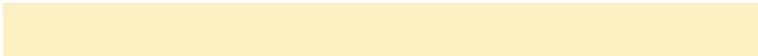
D587EC

Sweetspot

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



C2A22E



FCF0C2



C22E4E



80785C



000000



808080

Same Dimension

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



C2A22E



FCCA14



98C22E



615F57



A17E00



211A00

Inverse Universe

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



2E4EC2



1446FC



582EC2



575961



0023A1



000721

Previews

White Background



This preview shows how the Hex color C2A22E looks on a white background.

Color Contrast Check

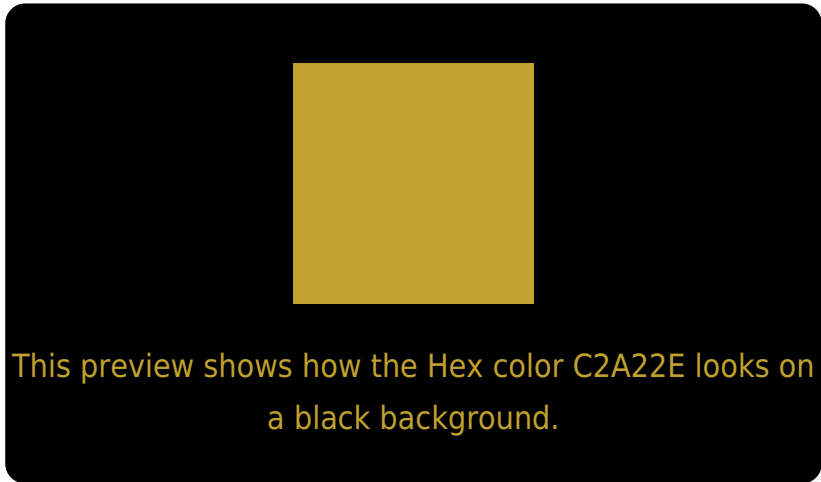
Large Text (above 18pt) WCAG AA × Fail

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 C2A22E Background



This preview shows how black text looks on a background with the Hex color C2A22E.




This preview shows how white text looks on a background with the Hex color C2A22E.

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](#).

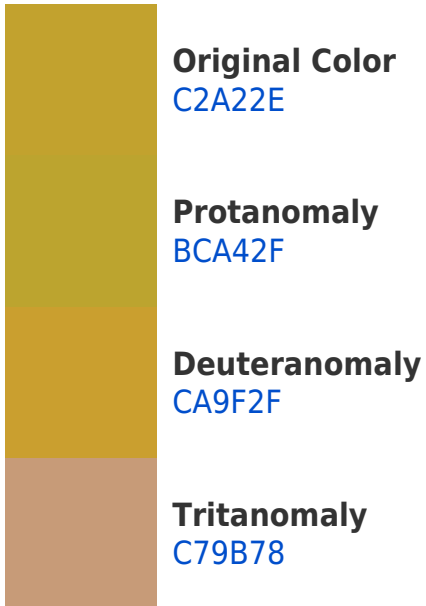
Dichromacy





Tritanopia
CA97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2A22E 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 #C2A22E looks like.

```
.text, #text, p{  
    color:#C2A22E  
}
```

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 #C2A22E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A22E
}
```

Border

The CSS property to change the border of an element to Hex C2A22E 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
#C2A22E }
```

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

```
.border{ border-color:#C2A22E }
```

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

Here you see how a box with a 4 pixel #C2A22E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A22E; -webkit-box-shadow:4px 4px  
4px 4px #C2A22E; box-shadow:4px 4px 4px  
4px #C2A22E }
```

Background

The CSS property to change the background color of an element to Hex C2A22E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A22E }
```

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

```
.background{ background-color:#C2A22E }
```

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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