

Converting Colors

Hex(CCA529)

Have a look what the booklet for
Hex(CCA529) contains.

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Color

Hex(CCA529)

Conversions

Conversions Part 1

Format	Color
Hex	CCA529
RGB	204, 165, 41
RGB Percent	80%, 65%, 16%
CMY	0.2000, 0.3529, 0.8392
CMYK	0.00, 0.19, 0.80, 0.20
HSL	46°, 67%, 48%
HSV	46°, 80%, 80%
XYZ	38.7572, 39.9077, 7.7581
YIQ	162.5250, 63.0480, -30.2960

Conversions

Conversions Part 2

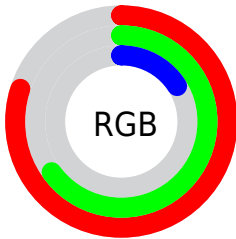
Format	Color
R _Y B	92, 204, 41
Decimal	13411625
CIE Lab	69.40, 2.65, 64.33
CIE LCh	69, 64.389, 87.638
Yxy	39.9077, 0.4485, 0.4618
Android (android.graphics.Color)	4291601705 (0xFFCCA529)
YUV	162.5250, -59.9118, 36.3736
Hunter-Lab	63.1726, -1.0399, 36.9395

Details

The Hex color **CCA529** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2950CC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDC61**, and **917200** is the 20% darker color. If you saturate the color by 10%, you get **CCA015**, and if you desaturate by 10%, it is **CCAA3D**.

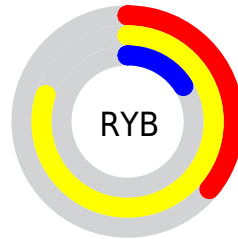
Distribution



Red (80%)

Green (65%)

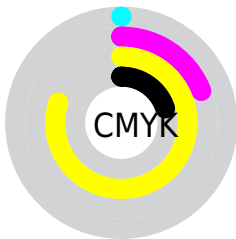
Blue (16%)



Red (36%)

Yellow (80%)

Blue (16%)

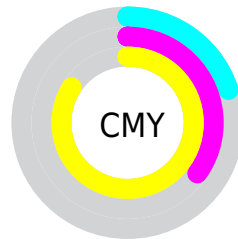


Cyan (0%)

Magenta (19%)

Yellow (80%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA529 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 CCA529 by changing the saturation by 10% instead.



CCA529



CCA529

FFFFFF



AE8B00



FFDC61



917200



FFF87C



755900



FFFF98



594200



FFFFB4



3E2D00



FFFFD1



251800



FFFFEE



000000



CCA529



CCA529



CCA015



CCAA3D

 CC9B00

 CCAF52

 CCB466

 CCB97B

 CCBD8F

 CCC2A3

 CCC7B8

 CCCCCC

 CCD1E1

Harmonies

Analogous

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



F88E46



CCA529



93B639

Triad

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



CCA529



00C5DE



EC83E9

Complementary

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



CCA529



2950CC

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.



A29CFF



CCA529



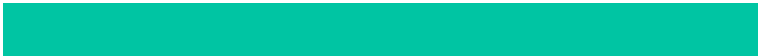
00BFFF

Square

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



CCA529



00C5A3



00B2FF



FF73B1

Rectangle

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



CCA529



62BE56



00B2FF



D88BF9

Sweetspot

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



CCA529



FFF0C2



CC2952



80775B



000000



808080

Same Dimension

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



CCA529



FFC40A



A3CC29



66645C



A67E00



261D00

Inverse Universe

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



2950CC



0A45FF



5229CC



5C5E66



0028A6



000926

Previews

White Background



This preview shows how the Hex color CCA529 looks on a white background.

Color Contrast Check

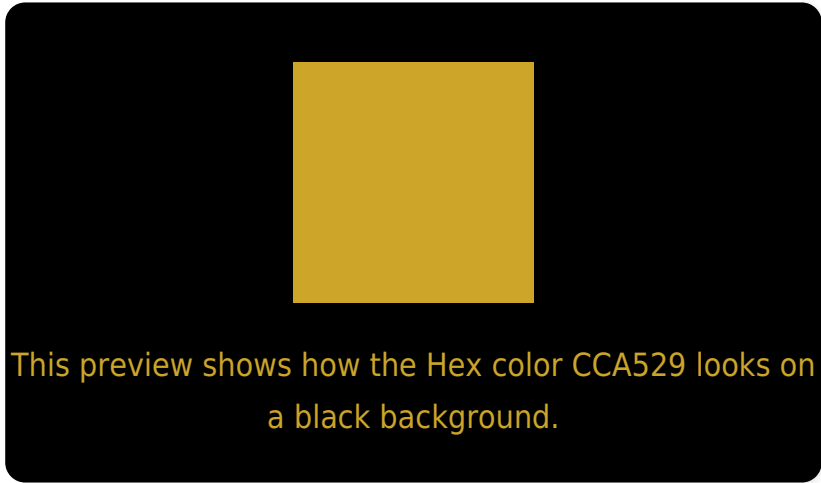
Large Text (above 18pt) WCAG AA × Fail

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 CCA529 Background



This preview shows how black text looks on a background with the Hex color CCA529.



This preview shows how white text looks on a background with the Hex color CCA529.

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
CCA529

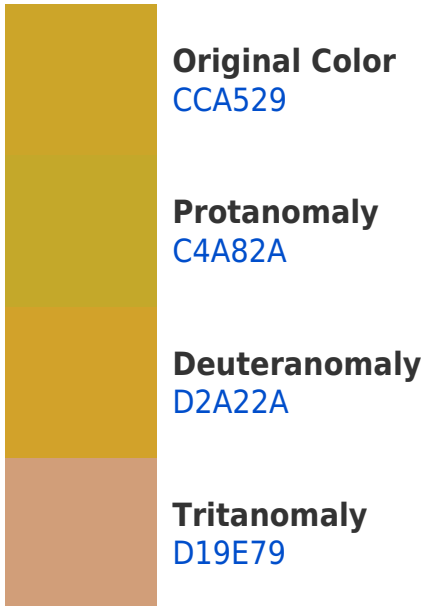
Protanopia
BFAA2A

Deuteranopia
D5A12B

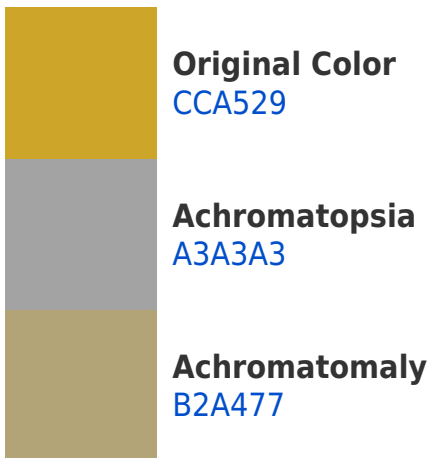


Tritanopia
D49AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA529 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 #CCA529 looks like.

```
.text, #text, p{  
    color:#CCA529  
}
```

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 #CCA529 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA529
}
```

Border

The CSS property to change the border of an element to Hex CCA529 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
#CCA529 }
```

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

```
.border{ border-color:#CCA529 }
```

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

Here you see how a box with a 4 pixel #CCA529 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA529; -webkit-box-shadow:4px 4px  
4px 4px #CCA529; box-shadow:4px 4px 4px  
4px #CCA529 }
```

Background

The CSS property to change the background color of an element to Hex CCA529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA529 }
```

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

```
.background{ background-color:#CCA529 }
```

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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