

Converting Colors

Hex(CCCF2A)

Have a look what the booklet for
Hex(CCCF2A) contains.

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Color

Hex(CCCF2A)

Conversions

Conversions Part 1

Format	Color
Hex	CCCCF2A
RGB	204, 207, 42
RGB Percent	80%, 81%, 16%
CMY	0.2000, 0.1882, 0.8353
CMYK	0.01, 0.00, 0.80, 0.19
HSL	61°, 66%, 49%
HSV	61°, 80%, 81%
XYZ	47.6326, 57.6302, 10.8037
YIQ	187.2930, 51.1770, -51.9510

Conversions

Conversions Part 2

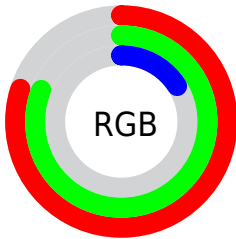
Format	Color
R_{YB}	42, 207, 45
Decimal	13422378
CIE _{Lab}	80.53, -18.94, 73.84
CIE _{LCh}	81, 76.234, 104.382
Yxy	57.6302, 0.4104, 0.4965
Android (android.graphics.Color)	4291612458 (0xFFCCCCF2A)
YUV	187.2930, -71.6294, 14.6520
Hunter-Lab	75.9145, -20.8506, 44.7024

Details

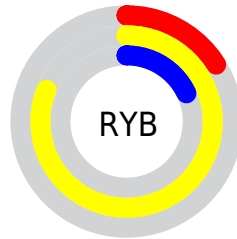
The Hex color **CCCF2A** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **2D2ACF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF67**, and **929900** is the 20% darker color. If you saturate the color by 10%, you get **CCCF15**, and if you desaturate by 10%, it is **CCCF3F**.

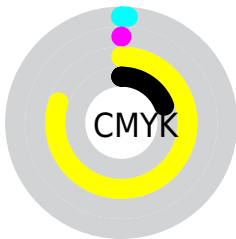
Distribution



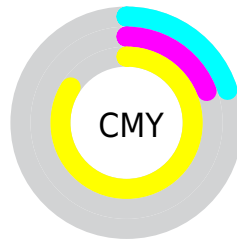
- Red (80%)
- Green (81%)
- Blue (16%)



- Red (16%)
- Yellow (81%)
- Blue (18%)



- Cyan (1%)
- Magenta (0%)
- Yellow (80%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCCF2A 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 CCCF2A by changing the saturation by 10% instead.

 CCCCF2A

 CCCCF2A

FFFFFF

 AFB400

 FFFF67

 929900

 FFFF84

 757F00

 FFFFA0

 5A6600

 FFFFBD

 3E4E00

 FFFFDA

 243800

 FFFFF8

 082200

 000400

 000000

 CCCF2A

 CCCF2A

 CCCF15

 CCCF3F

 CBCF01

 CDCF53

 CBCF00

 CDCF68

 CECF7D

 CECF92

 CECFA6

 CFCFBB

 CFCFD0

 CFCFE4

Harmonies

Analogous

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



FFB733



CCCF2A



7ADF5B

Triad

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



CCCF2A



00E6FF



FF8AF0

Complementary

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



CCCF2A



2D2ACF

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.



F7A6FF



CCCF2A



00DAFF

Square

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



CCCF2A



00EAE9



7CC4FF



FF85A8

Rectangle

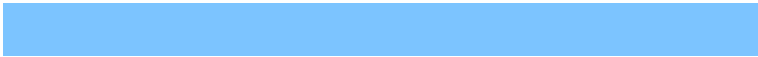
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCCF2A



00E587



7CC4FF



FF92FF

Sweetspot

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



CCCF2A



FEFFC2



CF2D2A



7F805B



000000



808080

Same Dimension

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



CCCF2A



FBFF0A



7ACF2A



68695E



A5A800



282900

Inverse Universe

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



2D2ACF



0F0AFF



7F2ACF



5E5E69



0300A8



010029

Previews

White Background



This preview shows how the Hex color CCCF2A looks on a white background.

Color Contrast Check

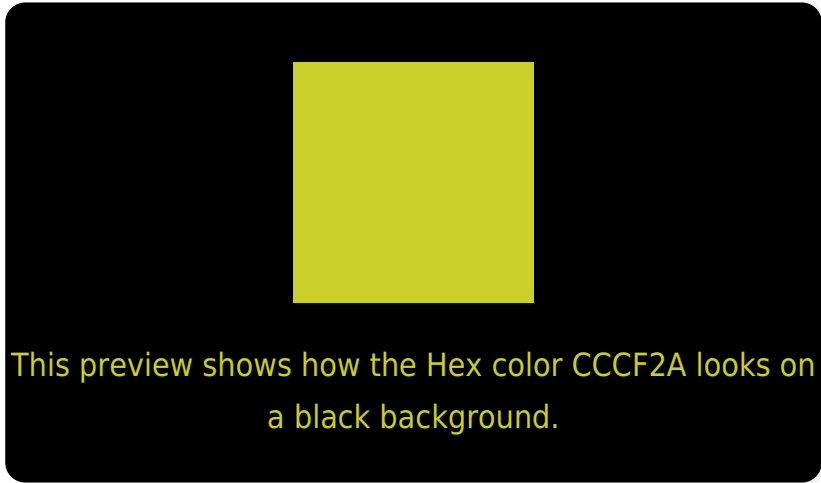
Large Text (above 18pt) WCAG AA × Fail

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 CCCF2A Background



This preview shows how black text looks on a background with the Hex color CCCF2A.

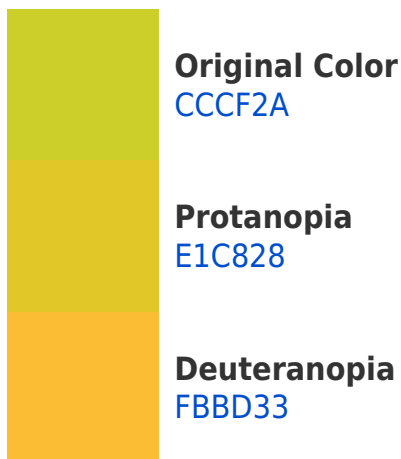


This preview shows how white text looks on a background with the Hex color CCCF2A.

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](#).

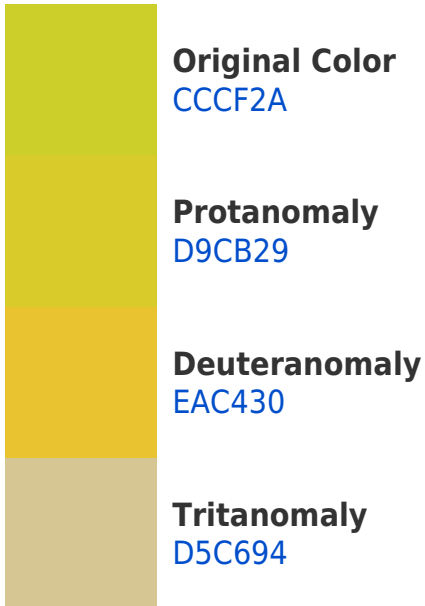
Dichromacy



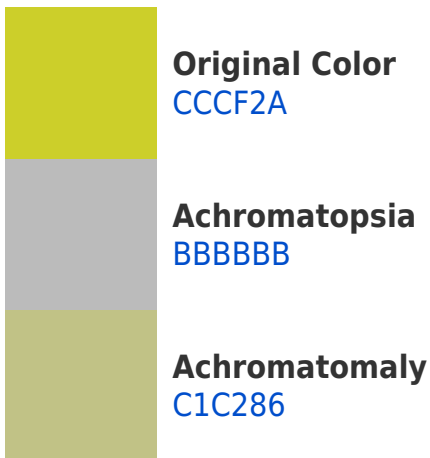


Tritanopia
DAC1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCCC2A 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 #CCCC2A looks like.

```
.text, #text, p{  
    color:#CCCC2A  
}
```

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 #CCCF2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCCF2A
}
```

Border

The CSS property to change the border of an element to Hex CCCF2A 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
#CCCF2A }
```

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

```
.border{ border-color:#CCCF2A }
```

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

Here you see how a box with a 4 pixel #CCCF2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCCF2A; -webkit-box-shadow:4px 4px  
4px 4px #CCCF2A; box-shadow:4px 4px 4px  
4px #CCCF2A }
```

Background

The CSS property to change the background color of an element to Hex CCCF2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCCF2A }
```

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

```
.background{ background-color:#CCCF2A }
```

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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