

# Converting Colors

Hex(C2C025)

Have a look what the booklet for  
Hex(C2C025) contains.

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# **Color**

**Hex(C2C025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2C025
RGB	194, 192, 37
RGB Percent	76%, 75%, 15%
CMY	0.2392, 0.2471, 0.8549
CMYK	0.00, 0.01, 0.81, 0.24
HSL	59°, 68%, 45%
HSV	59°, 81%, 76%
XYZ	41.4317, 49.3022, 9.0829
YIQ	174.9280, 50.9470, -47.7810

# Conversions

## Conversions Part 2

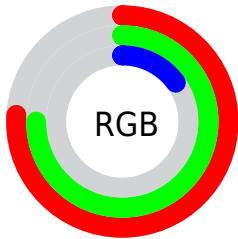
Format	Color
<a href="#">RYB</a>	<a href="#">39, 194, 37</a>
Decimal	<a href="#">12763173</a>
CIELab	<a href="#">75.64, -15.88, 70.61</a>
CIELCh	<a href="#">76, 72.375, 102.677</a>
Yxy	<a href="#">49.3022, 0.4151, 0.4939</a>
Android (android.graphics.Color)	<a href="#">4290953253</a> ( <a href="#">0xFFC2C025</a> )
YUV	<a href="#">174.9280, -67.9985, 16.7261</a>
Hunter-Lab	<a href="#">70.2155, -17.5506, 41.4813</a>

# Details

The Hex color **C2C025** 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 **2527C2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FEF862**, and **888B00** is the 20% darker color. If you saturate the color by 10%, you get **C2C012**, and if you desaturate by 10%, it is **C2C038**.

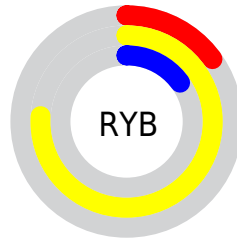
# Distribution



Red (76%)

Green (75%)

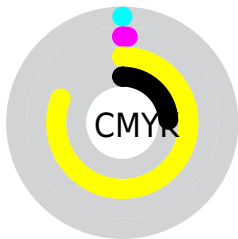
Blue (15%)



Red (15%)

Yellow (76%)

Blue (15%)

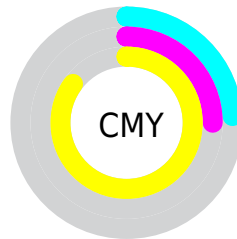


Cyan (0%)

Magenta (1%)

Yellow (81%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2C025 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 C2C025 by changing the saturation by 10% instead.



 C2C025

 C2C025

FFFFFF

 A5A500

 FEF862

 888B00

 FFFF7E

 6C7200

 FFFF9A

 515900

 FFFFB6

 364200

 FFFFD3

 1C2C00

 FFFFF1

 001900

 000000

 C2C025

 C2C025

 C2C012

 C2C038

 C2C000

 C2C04C

 C2C15F

 C2C173

 C2C186

 C2C199

 C2C2AD

 C2C2C0

 C2C2D4

# Harmonies

## Analogous

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



FCA931



C2C025



77CF51

# Triad

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



C2C025



00D7FF



FF81E4

# Complementary

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



C2C025



2527C2

# 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.



E29CFF



C2C025



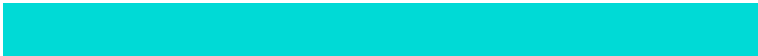
00CDFF

# Square

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



C2C025



00DAD6



69B8FF



FF7BA1

# Rectangle

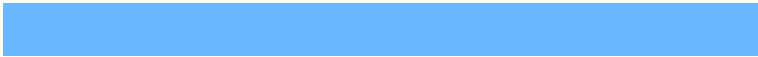
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2C025



05D67A



69B8FF



FF89F9



# Sweetspot

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



C2C025



FCFCC0



C22528



807F5B



000000



808080



# Same Dimension

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



C2C025



FCF908



76C225



616157



A19F00



212100



# Inverse Universe

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



2527C2



080BFC



7125C2



575761



0002A1



000021



# Previews

## White Background



This preview shows how the Hex color C2C025 looks on a white background.

## Color Contrast Check

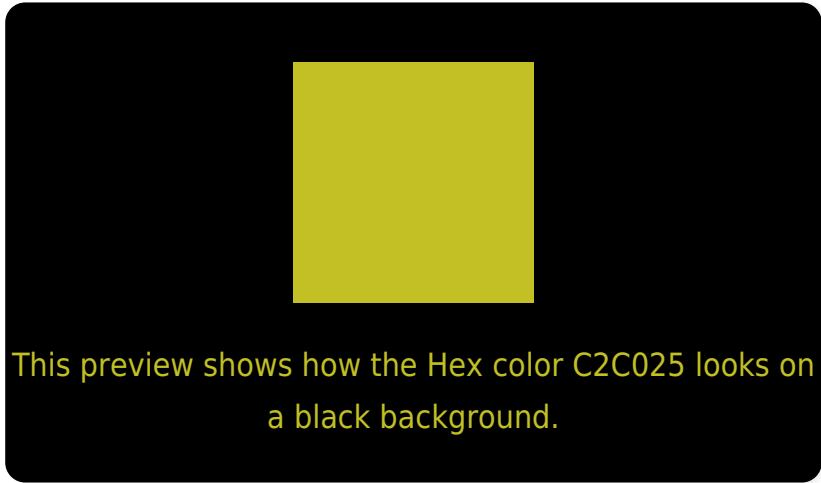
Large Text (above 18pt) WCAG AA × Fail

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 C2C025 Background



This preview shows how black text looks on a background with the Hex color C2C025.



This preview shows how white text looks on a background with the Hex color C2C025.

# 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**  
C2C025

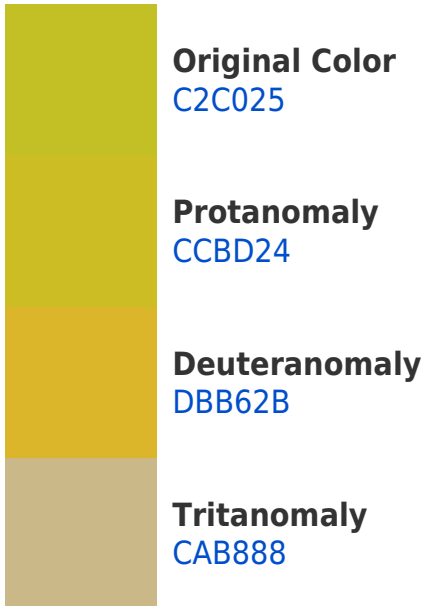
**Protanopia**  
D2BB24

**Deuteranopia**  
EAB12E



**Tritanopia**  
CEB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2C025 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 #C2C025 looks like.

```
.text, #text, p{  
    color:#C2C025  
}
```

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 #C2C025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C025
}
```

## Border

The CSS property to change the border of an element to Hex C2C025 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
#C2C025 }
```

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

```
.border{ border-color:#C2C025 }
```

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

Here you see how a box with a 4 pixel #C2C025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C025; -webkit-box-shadow:4px 4px  
4px 4px #C2C025; box-shadow:4px 4px 4px  
4px #C2C025 }
```

# Background

The CSS property to change the background color of an element to Hex C2C025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C025 }
```

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

```
.background{ background-color:#C2C025 }
```

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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