

# Converting Colors

Hex(C1D525)

Have a look what the booklet for  
Hex(C1D525) contains.

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**Color**

**Hex(C1D525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D525
RGB	193, 213, 37
RGB Percent	76%, 84%, 15%
CMY	0.2431, 0.1647, 0.8549
CMYK	0.09, 0.00, 0.83, 0.16
HSL	67°, 70%, 49%
HSV	67°, 83%, 84%
XYZ	46.1205, 59.0595, 10.7191
YIQ	186.9560, 44.5760, -58.9760

# Conversions

## Conversions Part 2

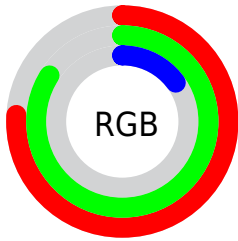
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 213, 57
Decimal	12703013
CIELab	81.32, -26.60, 75.45
CIElCh	81, 80.002, 109.417
Yxy	59.0595, 0.3979, 0.5096
Android (android.graphics.Color)	4290893093 (0xFFC1D525)
YUV	186.9560, -73.9283, 5.3006
Hunter-Lab	76.8502, -27.3637, 45.5254

# Details

The Hex color **C1D525** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3925D5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FDF65**, and **879E00** is the 20% darker color. If you saturate the color by 10%, you get **BFD510**, and if you desaturate by 10%, it is **C3D53A**.

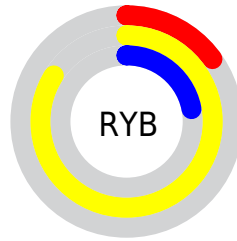
# Distribution



Red (76%)

Green (84%)

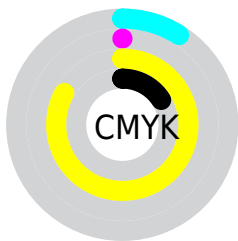
Blue (15%)



Red (15%)

Yellow (84%)

Blue (22%)

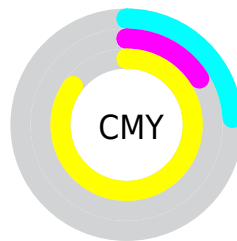


Cyan (9%)

Magenta (0%)

Yellow (83%)

Black (16%)



Cyan (24%)

Magenta (16%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1D525 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 C1D525 by changing the saturation by 10% instead.



 C1D525

 C1D525

FFFFFF

 A4B900

 FDF665

 879E00

 FFFF81

 6B8400

 FFFF9E

 4F6B00

 FFFFBB

 335300

 FFFFD8

 173C00

 FFFFF6

 002600

 000900

 000000

 C1D525

 C1D525

 BFD510

 C3D53A

 BDD500

 C6D550

 C8D565

 CBD57A

 CDD590

 D0D5A5

 D2D5BA

 D4D5CF

 D7D5E5

# Harmonies

## Analogous

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



FFBD22



C1D525



63E462

# Triad

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



C1D525



00E8FF



FF84E8

# Complementary

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



C1D525



3925D5

# 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.



FFA0FF



C1D525



00DAFF

# Square

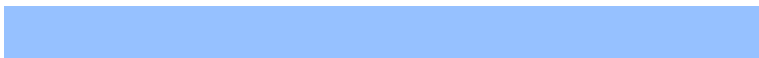
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C1D525



00EDFA



96C1FF



FF849D

# Rectangle

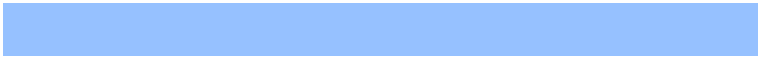
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C1D525



00EA92



96C1FF



FF8BFF

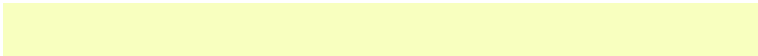


# Sweetspot

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



C1D525



F8FFBF



D53725



7B8059



000000



808080



# Same Dimension

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



C1D525



E2FF03



6BD525



6A6B60



97AB00



262B00



# Inverse Universe

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



3925D5



1F03FF



8F25D5



62606B



1300AB



05002B



# Previews

## White Background



This preview shows how the Hex color C1D525 looks on a white background.

## Color Contrast Check

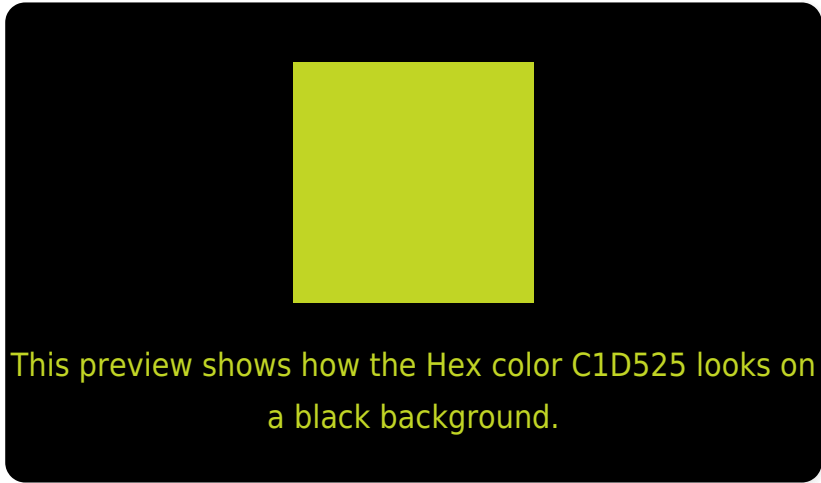
Large Text (above 18pt) WCAG AA × Fail

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 C1D525 Background



This preview shows how black text looks on a background with the Hex color C1D525.

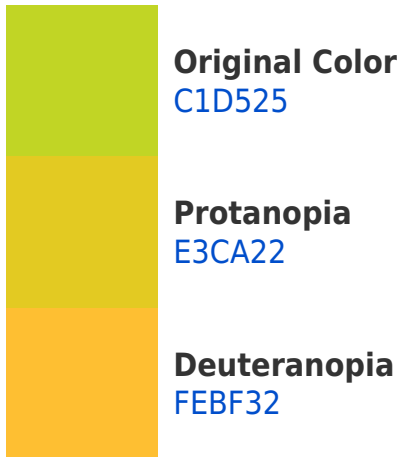


This preview shows how white text looks on a background with the Hex color C1D525.

# Color Blindness Simulation

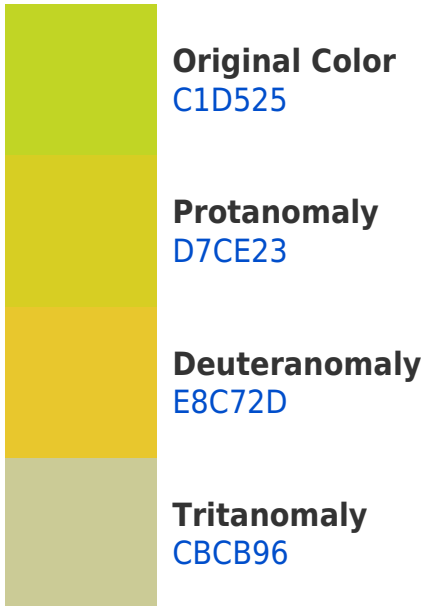
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1D525 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 #C1D525 looks like.

```
.text, #text, p{  
    color:#C1D525  
}
```

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 #C1D525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D525  
}
```

## Border

The CSS property to change the border of an element to Hex C1D525 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  
#C1D525 }
```

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

```
.border{ border-color:#C1D525 }
```

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

Here you see how a box with a 4 pixel #C1D525 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D525; -webkit-box-shadow:4px 4px  
4px 4px #C1D525; box-shadow:4px 4px 4px  
4px #C1D525 }
```

# Background

The CSS property to change the background color of an element to Hex C1D525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D525 }
```

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

```
.background{ background-color:#C1D525 }
```

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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