

# Converting Colors

Hex(7CC62D)

Have a look what the booklet for  
Hex(7CC62D) contains.

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**Color**

**Hex(7CC62D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CC62D
RGB	124, 198, 45
RGB Percent	49%, 78%, 18%
CMY	0.5137, 0.2235, 0.8235
CMYK	0.37, 0.00, 0.77, 0.22
HSL	89°, 63%, 48%
HSV	89°, 77%, 78%
XYZ	28.9799, 44.8627, 9.6146
YIQ	158.4320, 5.0090, -63.2710

# Conversions

## Conversions Part 2

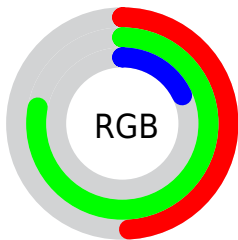
Format	Color
<a href="#">RYB</a>	<a href="#">45, 198, 119</a>
Decimal	<a href="#">8177197</a>
CIELab	<a href="#">72.80, -46.24, 64.05</a>
CIELCh	<a href="#">73, 78.990, 125.826</a>
Yxy	<a href="#">44.8627, 0.3472, 0.5376</a>
Android (android.graphics.Color)	<a href="#">4286367277</a> ( <a href="#">0xFF7CC62D</a> )
YUV	<a href="#">158.4320, -55.9220, -30.1969</a>
Hunter-Lab	<a href="#">66.9796, -39.9832, 38.3750</a>

# Details

The Hex color **7CC62D** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **772DC6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B6FF67**, and **428F00** is the 20% darker color. If you saturate the color by 10%, you get **72C619**, and if you desaturate by 10%, it is **86C641**.

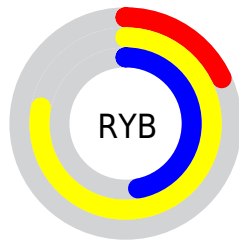
# Distribution



Red (49%)

Green (78%)

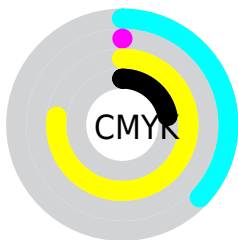
Blue (18%)



Red (18%)

Yellow (78%)

Blue (47%)

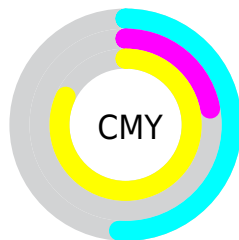


Cyan (37%)

Magenta (0%)

Yellow (77%)

Black (22%)



Cyan (51%)

Magenta (22%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CC62D 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 7CC62D by changing the saturation by 10% instead.



 7CC62D

 7CC62D

FFFFFF

 5FAA00

 B6FF67

 428F00

 D3FF83

 227500

 F1FF9E

 005C00

 FFFFBB

 004400

 FFFFD8

 002D00

 FFFFF5

 001100

 000000

 7CC62D

 7CC62D

 72C619

 86C641

 69C605

 8FC655

 66C600

 99C668

 A2C67C

 ACC690

 B5C6A4

 BFC6B8

 C9C6CB

 D2C6DF

# Harmonies

## Analogous

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



C8B400



7CC62D



00D074

# Triad

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



7CC62D



00CAFF



FF67A8

# Complementary

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



7CC62D



772DC6

# 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.



FF77EF



7CC62D



00B7FF

# Square

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



7CC62D



00D2FF



C599FF



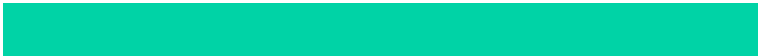
FF7962

# Rectangle

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



7CC62D



00D3A6



C599FF



FF68C0

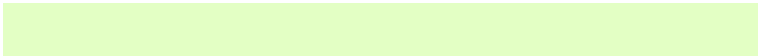


# Sweetspot

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



7CC62D



E3FFC4



C6772D



6E805C



000000



808080



# Same Dimension

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



7CC62D



8CFF12



30C62D



5F635A



54A300



122400



# Inverse Universe

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



772DC6



8512FF



C32DC6



5E5A63



4F00A3



110024



# Previews

## White Background



This preview shows how the Hex color 7CC62D looks on a white background.

## Color Contrast Check

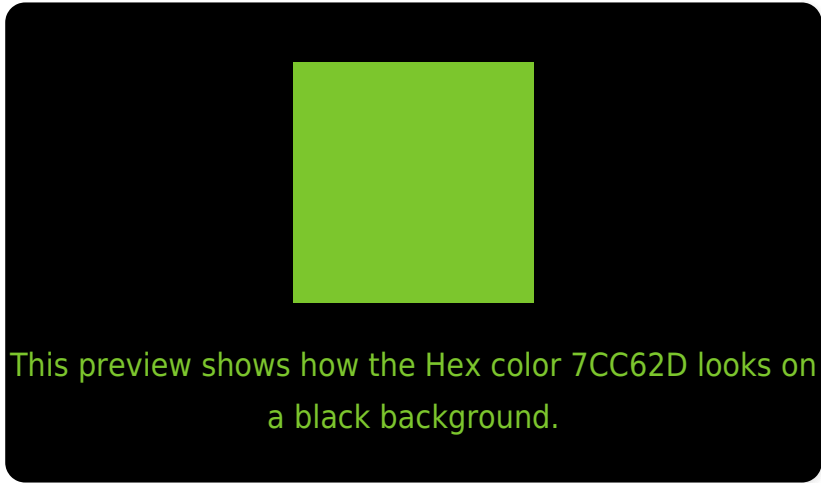
Large Text (above 18pt) WCAG AA × Fail

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 7CC62D Background



This preview shows how black text looks on a background with the Hex color 7CC62D.



This preview shows how white text looks on a background with the Hex color 7CC62D.

# 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**  
7CC62D

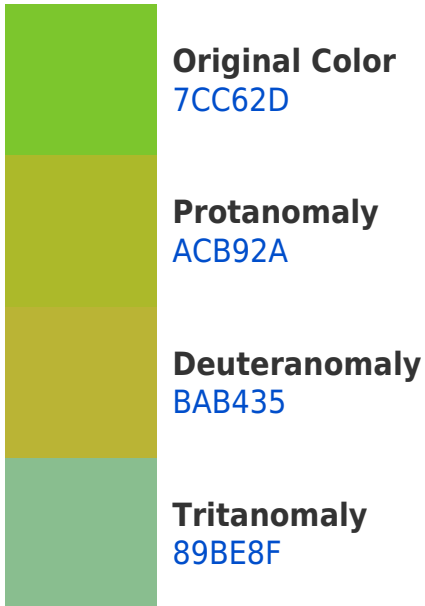
**Protanopia**  
C8B228

**Deuteranopia**  
DEA93A

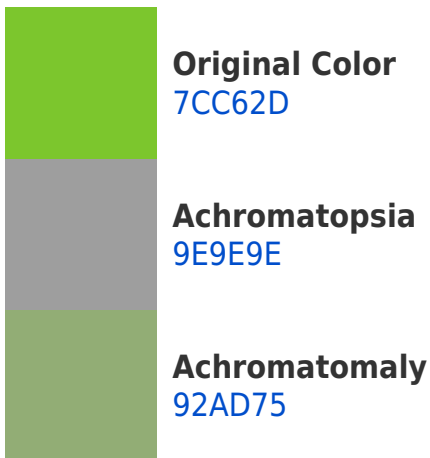


**Tritanopia**  
91B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CC62D 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 #7CC62D looks like.

```
.text, #text, p{  
    color:#7CC62D  
}
```

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 #7CC62D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC62D
}
```

## Border

The CSS property to change the border of an element to Hex 7CC62D 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
#7CC62D }
```

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

```
.border{ border-color:#7CC62D }
```

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

Here you see how a box with a 4 pixel #7CC62D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC62D; -webkit-box-shadow:4px 4px  
4px 4px #7CC62D; box-shadow:4px 4px 4px  
4px #7CC62D }
```

# Background

The CSS property to change the background color of an element to Hex 7CC62D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC62D }
```

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

```
.background{ background-color:#7CC62D }
```

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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