

# Converting Colors

Hex(7CB62E)

Have a look what the booklet for  
Hex(7CB62E) contains.

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**Color**

**Hex(7CB62E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CB62E
RGB	124, 182, 46
RGB Percent	49%, 71%, 18%
CMY	0.5137, 0.2863, 0.8196
CMYK	0.32, 0.00, 0.75, 0.29
HSL	86°, 60%, 45%
HSV	86°, 75%, 71%
XYZ	25.5333, 37.9382, 8.5618
YIQ	149.1540, 9.0880, -54.5920

# Conversions

## Conversions Part 2

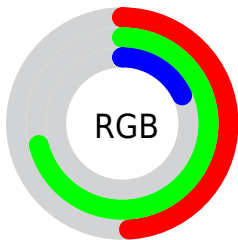
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 182, 104
Decimal	8173102
CIELab	67.98, -39.34, 59.10
CIElCh	68, 70.997, 123.650
Yxy	37.9382, 0.3545, 0.5267
Android (android.graphics.Color)	4286363182 (0xFF7CB62E)
YUV	149.1540, -50.8549, -22.0601
Hunter-Lab	61.5940, -33.7939, 34.8743

# Details

The Hex color **7CB62E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **682EB6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B4EE66**, and **448100** is the 20% darker color. If you saturate the color by 10%, you get **74B61C**, and if you desaturate by 10%, it is **84B640**.

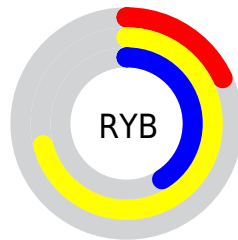
# Distribution



Red (49%)

Green (71%)

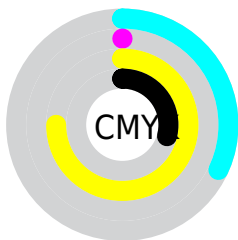
Blue (18%)



Red (18%)

Yellow (71%)

Blue (41%)

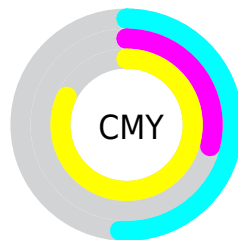


Cyan (32%)

Magenta (0%)

Yellow (75%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB62E 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 7CB62E by changing the saturation by 10% instead.





7CB62E



7CB62E

FFFFFF



609B08



B4EE66



448100



D1FF81



286700



EFFF9C



004F00



FFFFB9



003700



FFFFD5



002300



FFFFF2



000000



7CB62E



7CB62E



74B61C



84B640

 6CB60A

 8CB652

 68B600

 93B665

 9BB677

 A3B689

 ABB69B

 B2B6AD

 BAB6C0

 C2B6D2

# Harmonies

## Analogous

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



BEA500



7CB62E



00C06A

# Triad

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



7CB62E



00BBFF



FF65A0

# Complementary

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



7CB62E



682EB6

# 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.



F974E0



7CB62E



00ABFF

# Square

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



7CB62E



00C2EB



B091FF



FF7262

# Rectangle

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



7CB62E



00C395



B091FF



FF67B6



# Sweetspot

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



7CB62E



D7EDB9



B6672E



6B7859



F7F7F7



787878



# Same Dimension

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



7CB62E



92ED18



39B62E



585C53



599C00



101C00



# Inverse Universe

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



682EB6



7318ED



AB2EB6



57535C



42009C



0C001C



# Previews

## White Background



This preview shows how the Hex color 7CB62E looks on a white background.

## Color Contrast Check

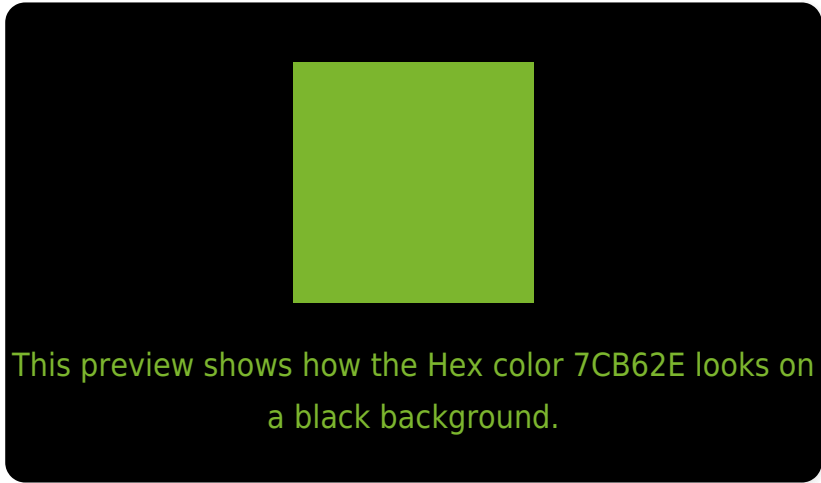
Large Text (above 18pt) WCAG AA × Fail

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 7CB62E Background



This preview shows how black text looks on a background with the Hex color 7CB62E.

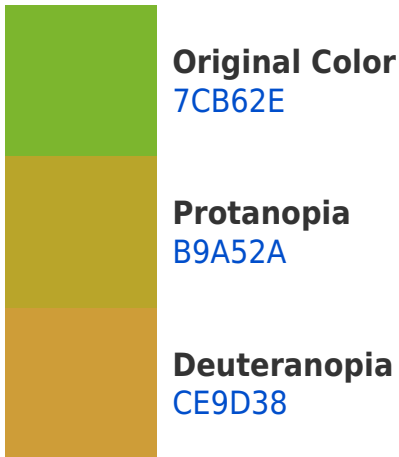


This preview shows how white text looks on a background with the Hex color 7CB62E.

# 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**  
8DAAB7

# Trichromacy



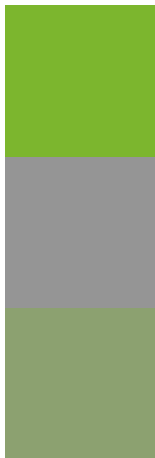
**Original Color**  
7CB62E

**Protanomaly**  
A3AB2B

**Deuteranomaly**  
B0A634

**Tritanomaly**  
87AE85

# Monochromacy



**Original Color**  
7CB62E

**Achromatopsia**  
959595

**Achromatomaly**  
8CA170

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB62E 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 #7CB62E looks like.

```
.text, #text, p{  
    color:#7CB62E  
}
```

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 #7CB62E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB62E
}
```

## Border

The CSS property to change the border of an element to Hex 7CB62E 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
#7CB62E }
```

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

```
.border{ border-color:#7CB62E }
```

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

Here you see how a box with a 4 pixel #7CB62E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB62E; -webkit-box-shadow:4px 4px  
4px 4px #7CB62E; box-shadow:4px 4px 4px  
4px #7CB62E }
```

# Background

The CSS property to change the background color of an element to Hex 7CB62E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB62E }
```

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

```
.background{ background-color:#7CB62E }
```

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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