

# Converting Colors

Hex(71B250)

Have a look what the booklet for  
Hex(71B250) contains.

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**Color**

**Hex(71B250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71B250
RGB	113, 178, 80
RGB Percent	44%, 70%, 31%
CMY	0.5569, 0.3020, 0.6863
CMYK	0.37, 0.00, 0.55, 0.30
HSL	100°, 39%, 51%
HSV	100°, 55%, 70%
XYZ	24.1784, 35.9307, 13.2504
YIQ	147.3930, -7.2820, -44.2580

# Conversions

## Conversions Part 2

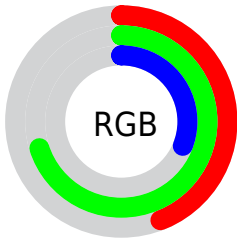
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 178, 145
Decimal	7451216
CIELab	66.47, -38.65, 43.07
CIELCh	66, 57.872, 131.902
Yxy	35.9307, 0.3296, 0.4898
Android (android.graphics.Color)	4285641296 (0xFF71B250)
YUV	147.3930, -33.2247, -30.1627
Hunter-Lab	59.9422, -32.8987, 28.8533

# Details

The Hex color **71B250** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9150B2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A8EA84**, and **3B7D1D** is the 20% darker color. If you saturate the color by 10%, you get **65B23E**, and if you desaturate by 10%, it is **7DB262**.

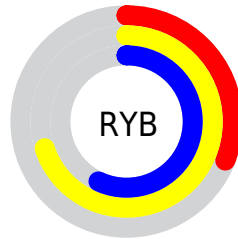
# Distribution



Red (44%)

Green (70%)

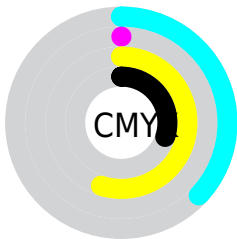
Blue (31%)



Red (31%)

Yellow (70%)

Blue (57%)

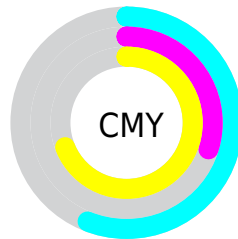


Cyan (37%)

Magenta (0%)

Yellow (55%)

Black (30%)



Cyan (56%)

Magenta (30%)

Yellow (69%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 71B250 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 71B250 by changing the saturation by 10% instead.



 71B250

 71B250

FFFFFF

 569737

 A8EA84

 3B7D1D

 C4FF9F

 1E6300

 E1FFBA

 004B00


 FFFFD6


 003300

 FFFFF3

 001F00

 000000

 71B250

 71B250

 65B23E

 7DB262

 59B22C

 89B274

 4EB21B

 94B285

 42B209

 A0B297

 3CB200

 ACB2A9

 B8B2BB

 C4B2CD

 CFB2DE

 DBB2F0

# Harmonies

## Analogous

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



AAA634



71B250



00B97F

# Triad

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



71B250



00B0FF



FF738F

# Complementary

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



71B250



9150B2

# 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.



F078C3



71B250



67A0FF

# Square

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



71B250



00B9E6



C08BF0



F77F5E

# Rectangle

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



71B250



00BBA3



C08BF0



FF72A0



# Sweetspot

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



71B250



CEE8C1



B29050



66755E



F5F5F5



757575



# Same Dimension

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



71B250



82E84F



50B25F



535950



349900



091A00



# Inverse Universe

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



9150B2



B44FE8



B250A3



565059



650099



11001A



# Previews

## White Background



This preview shows how the Hex color 71B250 looks on a white background.

## Color Contrast Check

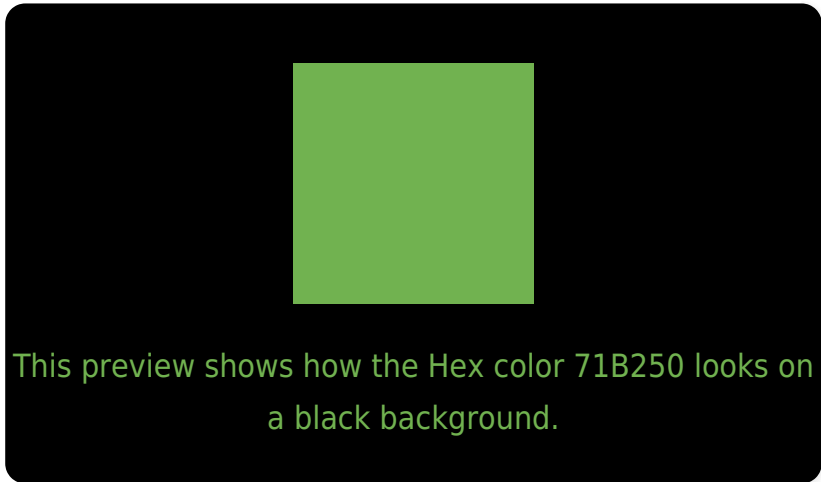
Large Text (above 18pt) WCAG AA × Fail

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

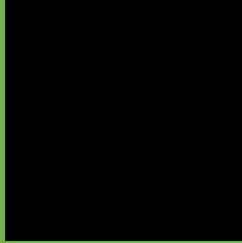
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71B250 Background



This preview shows how black text looks on a background with the Hex color 71B250.

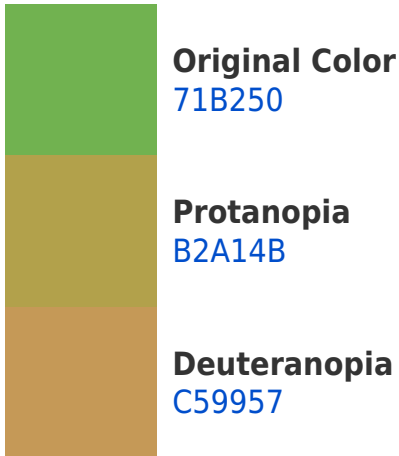


This preview shows how white text looks on a background with the Hex color 71B250.

# 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](#).

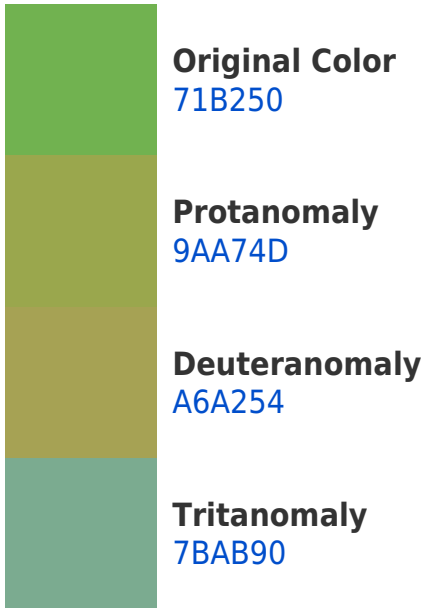
## Dichromacy



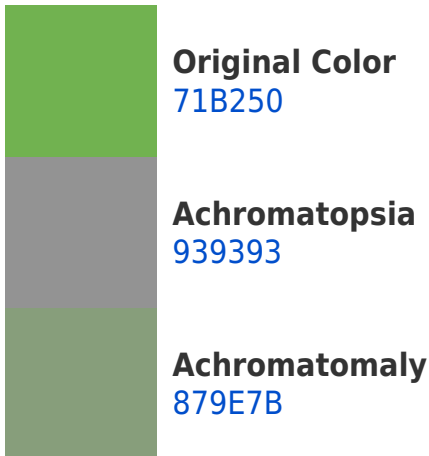


**Tritanopia**  
81A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71B250 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 #71B250 looks like.

```
.text, #text, p{  
    color:#71B250  
}
```

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 #71B250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B250
}
```

## Border

The CSS property to change the border of an element to Hex 71B250 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
#71B250 }
```

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

```
.border{ border-color:#71B250 }
```

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

Here you see how a box with a 4 pixel #71B250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B250; -webkit-box-shadow:4px 4px  
4px 4px #71B250; box-shadow:4px 4px 4px  
4px #71B250 }
```

# Background

The CSS property to change the background color of an element to Hex 71B250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B250 }
```

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

```
.background{ background-color:#71B250 }
```

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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