

# Converting Colors

Hex(72BB5B)

Have a look what the booklet for  
Hex(72BB5B) contains.

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**Color**

**Hex(72BB5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72BB5B
RGB	114, 187, 91
RGB Percent	45%, 73%, 36%
CMY	0.5529, 0.2667, 0.6431
CMYK	0.39, 0.00, 0.51, 0.27
HSL	106°, 41%, 55%
HSV	106°, 51%, 73%
XYZ	26.5981, 39.8734, 16.1920
YIQ	154.2290, -12.6920, -45.3320

# Conversions

## Conversions Part 2

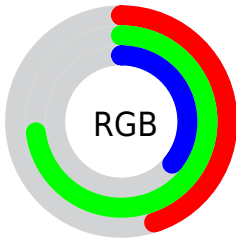
Format	Color
<a href="#">RYB</a>	<a href="#">91, 187, 164</a>
Decimal	<a href="#">7519067</a>
CIELab	<a href="#">69.38, -40.97, 41.25</a>
CIElCh	<a href="#">69, 58.135, 134.808</a>
Yxy	<a href="#">39.8734, 0.3218, 0.4824</a>
Android (android.graphics.Color)	<a href="#">4285709147 (0xFF72BB5B)</a>
YUV	<a href="#">154.2290, -31.1719, -35.2808</a>
Hunter-Lab	<a href="#">63.1454, -35.3167, 28.9984</a>

# Details

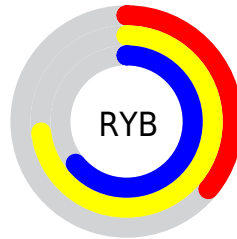
The Hex color **72BB5B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A45BBB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A9F48F**, and **3B8529** is the 20% darker color. If you saturate the color by 10%, you get **64BB48**, and if you desaturate by 10%, it is **80BB6E**.

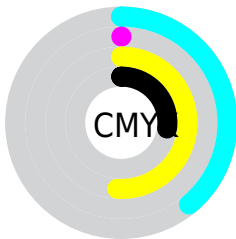
# Distribution



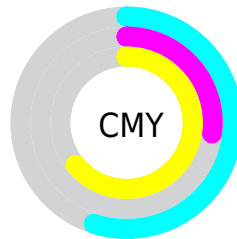
- Red (45%)
- Green (73%)
- Blue (36%)



- Red (36%)
- Yellow (73%)
- Blue (64%)



- Cyan (39%)
- Magenta (0%)
- Yellow (51%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72BB5B 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 72BB5B by changing the saturation by 10% instead.



 72BB5B

 72BB5B

FFFFFF

 57A042

 A9F48F

 3B8529

 C6FFAA

 1D6B0D

 E3FFC6

 005200

 FFFFE2

 003A00

 002600

 000000

 72BB5B

 72BB5B

 64BB48

 80BB6E

 56BB36

 8EBB80

 47BB23

 9DDB93

 39BB10

 ABBBA6

 2DBB00

 B9BBB9

 C7BBCB

 D6BBDE

 E4BBF1

 F2BBFF

# Harmonies

## Analogous

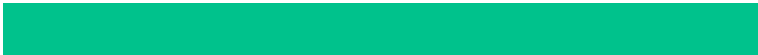
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEAF3C



72BB5B



00C28C

# Triad

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



72BB5B



00B7FF



FF7B91

# Complementary

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



72BB5B



A45BBB

# 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.



FC7EC6



72BB5B



7BA6FF

# Square

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



72BB5B



00C0F2



CE91F5



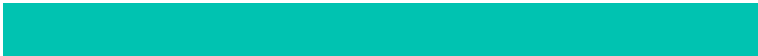
FE8961

# Rectangle

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



72BB5B



00C3B1



CE91F5



FF7AA3

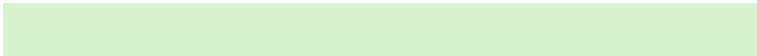


# Sweetspot

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



72BB5B



D7F2CE



BBA35B



6A7A64



FAFAFA



7A7A7A



# Same Dimension

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



72BB5B



80F25C



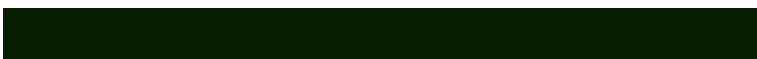
5BBB73



575E55



269E00



071F00



# Inverse Universe

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



A45BBB



CE5CF2



BB5BA3



5C555E



78009E



17001F



# Previews

## White Background



This preview shows how the Hex color 72BB5B looks on a white background.

## Color Contrast Check

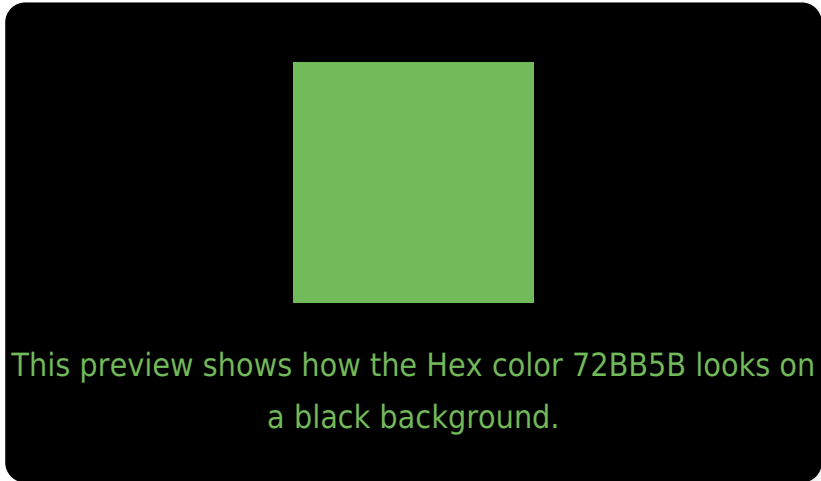
Large Text (above 18pt) WCAG AA × Fail

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

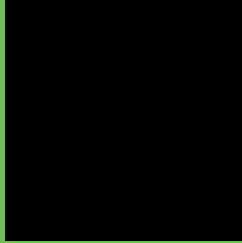
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72BB5B Background



This preview shows how black text looks on a background with the Hex color 72BB5B.



This preview shows how white text looks on a background with the Hex color 72BB5B.

# 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**  
72BB5B

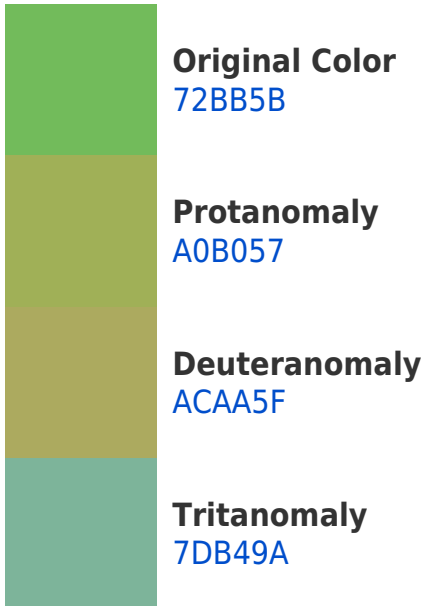
**Protanopia**  
BAA955

**Deuteranopia**  
CDA162

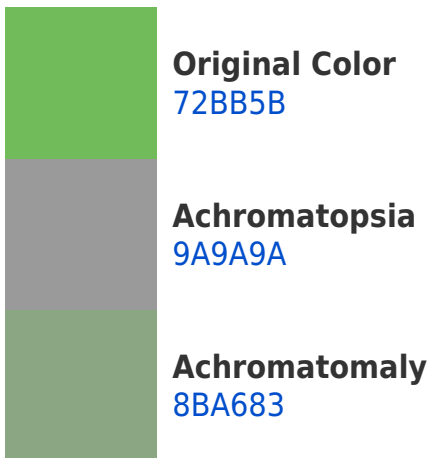


**Tritanopia**  
83B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72BB5B 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 #72BB5B looks like.

```
.text, #text, p{  
    color:#72BB5B  
}
```

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 #72BB5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72BB5B
}
```

## Border

The CSS property to change the border of an element to Hex 72BB5B 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
#72BB5B }
```

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

```
.border{ border-color:#72BB5B }
```

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

Here you see how a box with a 4 pixel #72BB5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72BB5B; -webkit-box-shadow:4px 4px  
4px 4px #72BB5B; box-shadow:4px 4px 4px  
4px #72BB5B }
```

# Background

The CSS property to change the background color of an element to Hex 72BB5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72BB5B }
```

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

```
.background{ background-color:#72BB5B }
```

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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