

# Converting Colors

Hex(72B753)

Have a look what the booklet for  
Hex(72B753) contains.

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# **Color**

**Hex(72B753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72B753
RGB	114, 183, 83
RGB Percent	45%, 72%, 33%
CMY	0.5529, 0.2824, 0.6745
CMYK	0.38, 0.00, 0.55, 0.28
HSL	101°, 41%, 52%
HSV	101°, 55%, 72%
XYZ	25.4342, 38.0689, 14.1911
YIQ	150.9690, -9.0240, -45.7280

# Conversions

## Conversions Part 2

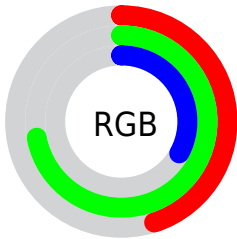
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 183, 152
Decimal	7518035
CIE <sub>Lab</sub>	68.07, -40.17, 43.55
CIE <sub>LCh</sub>	68, 59.248, 132.692
Yxy	38.0689, 0.3274, 0.4900
Android (android.graphics.Color)	4285708115 (0xFF72B753)
YUV	150.9690, -33.5087, -32.4218
Hunter-Lab	61.7000, -34.3930, 29.5532

# Details

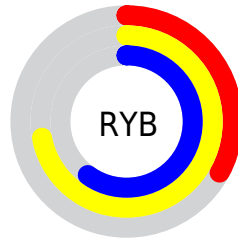
The Hex color **72B753** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9853B7**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A9EF87**, and **3C8120** is the 20% darker color. If you saturate the color by 10%, you get **65B741**, and if you desaturate by 10%, it is **7FB765**.

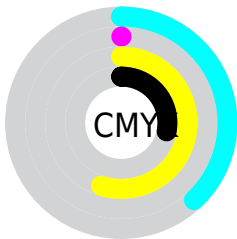
# Distribution



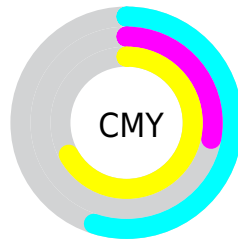
- Red (45%)
- Green (72%)
- Blue (33%)



- Red (33%)
- Yellow (72%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (55%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72B753 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 72B753 by changing the saturation by 10% instead.



 72B753

 72B753

FFFFFF

 579C3A

 A9EF87

 3C8120

 C6FFA2

 1E6800

 E3FFBE

 004F00

 FFFFDA

 003700

 FFFFF7

 002300

 000000

 72B753

 72B753

 65B741

 7FB765

 59B72E

 8BB778

 4CB71C

 98B78A

 3FB70A

 A5B79C

 39B700

 B1B7AF

 BEB7C1

 CAB7D3

 D7B7E5

 E4B7F8

# Harmonies

## Analogous

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



ADAA35



72B753



00BE84

# Triad

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



72B753



00B4FF



FF7691

# Complementary

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



72B753



9853B7

# Split Complementary

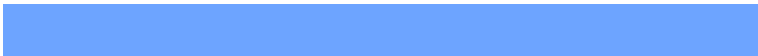
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F87BC7



72B753



6DA4FF

# Square

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



72B753



00BDED



C68EF5



FD8360

# Rectangle

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



72B753



00C0A9



C68EF5



FF75A3

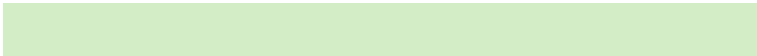


# Sweetspot

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



72B753



D3EDC7



B79753



687861



F7F7F7



787878



# Same Dimension

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



72B753



81ED51



53B765



555C53



309C00



091C00



# Inverse Universe

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



9853B7



BD51ED



B753A5



59535C



6B009C



13001C



# Previews

## White Background



This preview shows how the Hex color 72B753 looks on a white background.

## Color Contrast Check

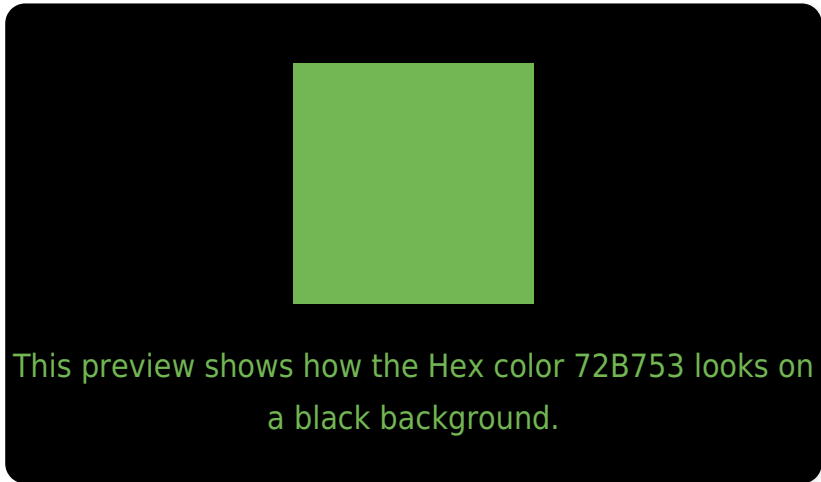
Large Text (above 18pt) WCAG AA × Fail

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 72B753 Background



This preview shows how black text looks on a background with the Hex color 72B753.

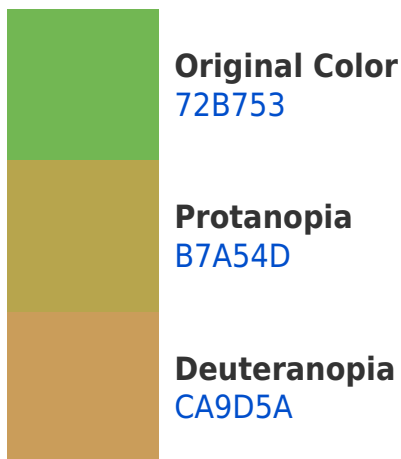


This preview shows how white text looks on a background with the Hex color 72B753.

# Color Blindness Simulation

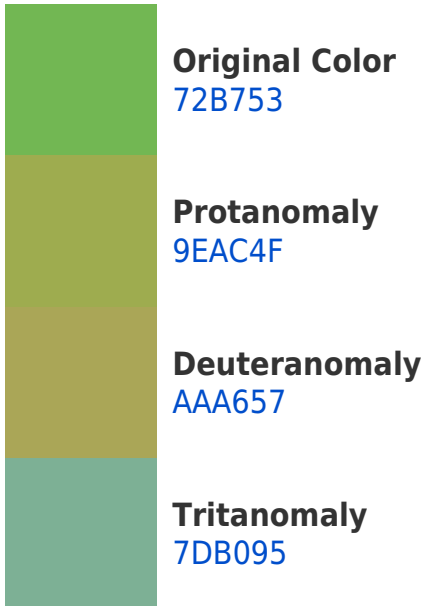
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

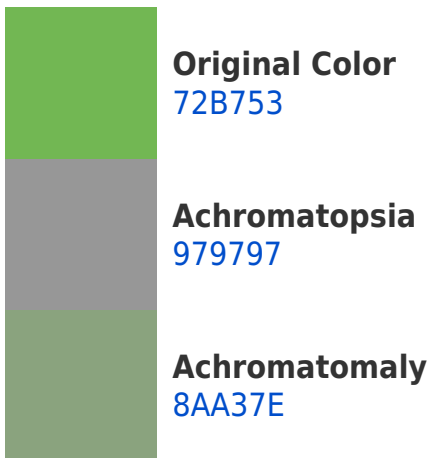




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72B753 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 #72B753 looks like.

```
.text, #text, p{  
    color:#72B753  
}
```

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 #72B753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B753
}
```

## Border

The CSS property to change the border of an element to Hex 72B753 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
#72B753 }
```

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

```
.border{ border-color:#72B753 }
```

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

Here you see how a box with a 4 pixel #72B753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B753; -webkit-box-shadow:4px 4px  
4px 4px #72B753; box-shadow:4px 4px 4px  
4px #72B753 }
```

# Background

The CSS property to change the background color of an element to Hex 72B753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B753 }
```

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

```
.background{ background-color:#72B753 }
```

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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