

# Converting Colors

Hex(72B356)

Have a look what the booklet for  
Hex(72B356) contains.

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# **Color**

**Hex(72B356)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72B356
RGB	114, 179, 86
RGB Percent	45%, 70%, 34%
CMY	0.5529, 0.2980, 0.6627
CMYK	0.36, 0.00, 0.52, 0.30
HSL	102°, 38%, 52%
HSV	102°, 52%, 70%
XYZ	24.7392, 36.4895, 14.5434
YIQ	148.9630, -8.8870, -42.7030

# Conversions

## Conversions Part 2

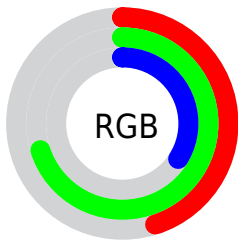
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 179, 151
Decimal	7517014
CIELab	66.89, -38.05, 40.68
CIElCh	67, 55.706, 133.087
Yxy	36.4895, 0.3265, 0.4816
Android (android.graphics.Color)	4285707094 (0xFF72B356)
YUV	148.9630, -31.0408, -30.6626
Hunter-Lab	60.4065, -32.6075, 28.0100

# Details

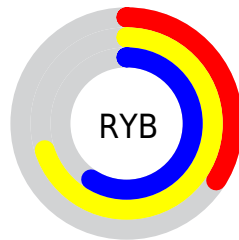
The Hex color **72B356** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9756B3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A9EB8A**, and **3C7E24** is the 20% darker color. If you saturate the color by 10%, you get **65B344**, and if you desaturate by 10%, it is **7FB368**.

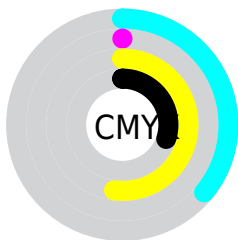
# Distribution



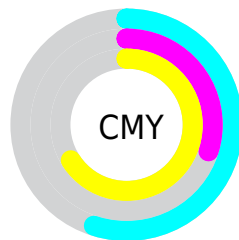
- Red (45%)
- Green (70%)
- Blue (34%)



- Red (34%)
- Yellow (70%)
- Blue (59%)



- Cyan (36%)
- Magenta (0%)
- Yellow (52%)
- Black (30%)



- Cyan (55%)
- Magenta (30%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72B356 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 72B356 by changing the saturation by 10% instead.



 72B356

 72B356

FFFFFF

 57983D

 A9EB8A

 3C7E24

 C5FFA5

 206407

 E2FFC0

 004C00

 FFFFDD

 003400

 FFFFFA

 002000

 000000

 72B356

 72B356

 65B344

 7FB368

 59B332

 8BB37A

 4CB320

 98B38C

 40B30E

 A4B39E

 36B300

 B1B3B0

 BDB3C1

 CAB3D3

 D6B3E5

 E3B3F7

# Harmonies

## Analogous

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



AAA73B



72B356



00BA84

# Triad

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



72B356



00B0FF



FF778F

# Complementary

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



72B356



9756B3

# 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.



F07BC1



72B356



71A1FF

# Square

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



72B356



00B9E6



C28CEC



F58360

# Rectangle

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



72B356



00BBA7



C28CEC



FE76A0



# Sweetspot

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



72B356



CEE8C3



B39656



66755F



F5F5F5



757575



# Same Dimension

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



72B356



83E858



56B367



535950



2E9900



081A00



# Inverse Universe

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



9756B3



BD58E8



B356A2



575059



6B0099



12001A



# Previews

## White Background



This preview shows how the Hex color 72B356 looks on a white background.

## Color Contrast Check

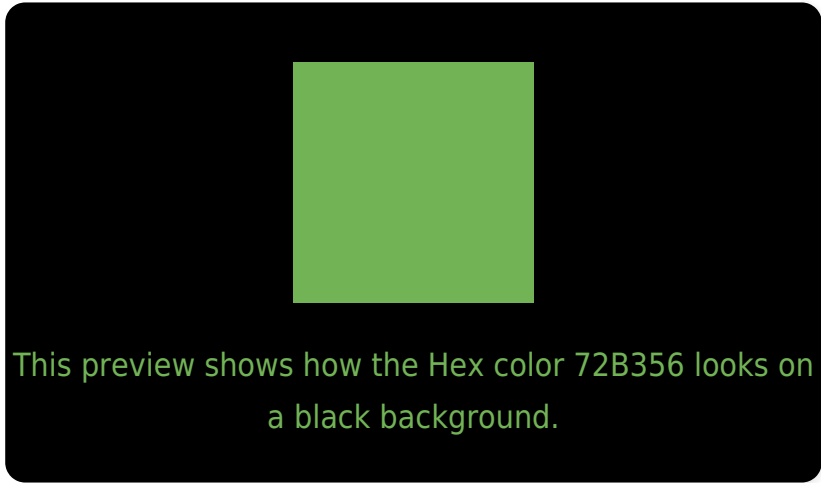
Large Text (above 18pt) WCAG AA × Fail

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

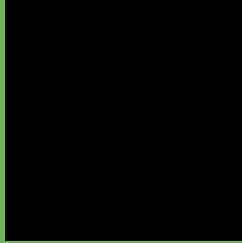
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72B356 Background



This preview shows how black text looks on a background with the Hex color 72B356.

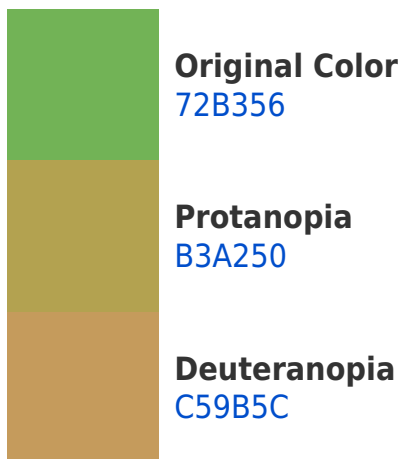


This preview shows how white text looks on a background with the Hex color 72B356.

# 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](#).

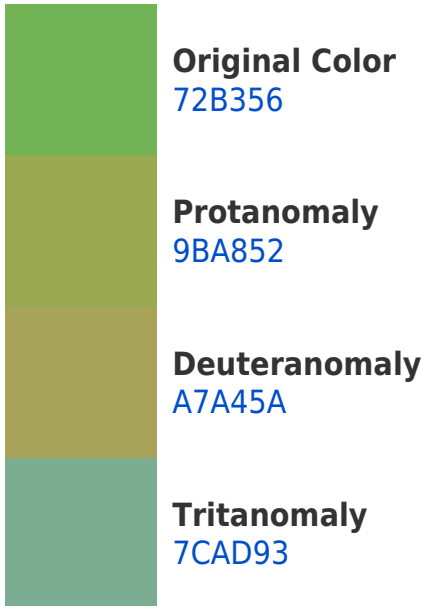
## Dichromacy



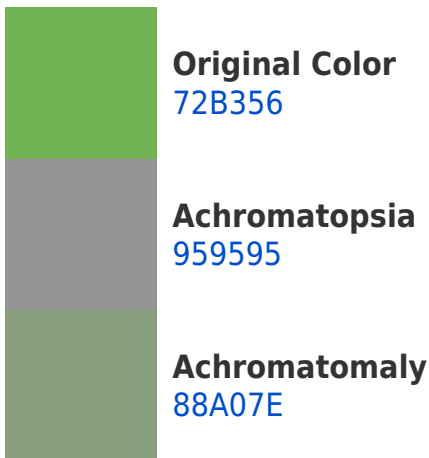


**Tritanopia**  
82A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72B356 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 #72B356 looks like.

```
.text, #text, p{  
    color:#72B356  
}
```

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 #72B356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B356
}
```

## Border

The CSS property to change the border of an element to Hex 72B356 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
#72B356 }
```

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

```
.border{ border-color:#72B356 }
```

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

Here you see how a box with a 4 pixel #72B356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B356; -webkit-box-shadow:4px 4px  
4px 4px #72B356; box-shadow:4px 4px 4px  
4px #72B356 }
```

# Background

The CSS property to change the background color of an element to Hex 72B356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B356 }
```

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

```
.background{ background-color:#72B356 }
```

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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