

Converting Colors

Hex(72B056)

Have a look what the booklet for
Hex(72B056) contains.

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Color

Hex(72B056)

Conversions

Conversions Part 1

Format	Color
Hex	72B056
RGB	114, 176, 86
RGB Percent	45%, 69%, 34%
CMY	0.5529, 0.3098, 0.6627
CMYK	0.35, 0.00, 0.51, 0.31
HSL	101°, 36%, 51%
HSV	101°, 51%, 69%
XYZ	24.1445, 35.3000, 14.3451
YIQ	147.2020, -8.0620, -41.1340

Conversions

Conversions Part 2

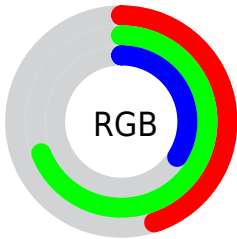
Format	Color
RYB	86, 176, 148
Decimal	7516246
CIELab	65.98, -36.71, 39.58
CIELCh	66, 53.980, 132.843
Yxy	35.3000, 0.3272, 0.4784
Android (android.graphics.Color)	4285706326 (0xFF72B056)
YUV	147.2020, -30.1726, -29.1182
Hunter-Lab	59.4138, -31.4355, 27.2744

Details

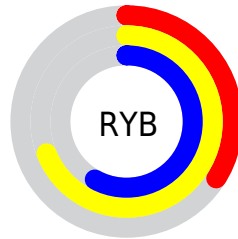
The Hex color **72B056** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9456B0**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A9E88A**, and **3D7B24** is the 20% darker color. If you saturate the color by 10%, you get **66B044**, and if you desaturate by 10%, it is **7EB068**.

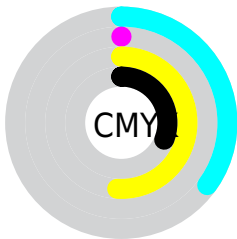
Distribution



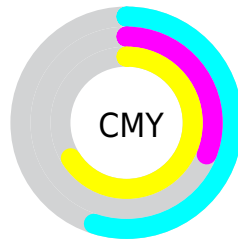
- Red (45%)
- Green (69%)
- Blue (34%)



- Red (34%)
- Yellow (69%)
- Blue (58%)



- Cyan (35%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)



- Cyan (55%)
- Magenta (31%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B056 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 72B056 by changing the saturation by 10% instead.



72B056



72B056

FFFFFF



57953D



A9E88A



3D7B24



C5FFA5



216208



E2FFC0



004900



FFFFDC



003200



FFFFF9



001D00



000000



72B056



72B056



66B044



7EB068

 5AB033

 8AB079

 4EB021

 96B08B

 42B010

 A2B09C

 37B000

 AFB0AE

 BBB0C0

 C7B0D1

 D3B0E3

 DFB0F4

Harmonies

Analogous

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



A8A43C



72B056



02B782

Triad

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



72B056



00ADFC



FA768D

Complementary

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



72B056



9456B0

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.



EB7ABE



72B056



719EFF

Square

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



72B056



00B6E1



BF8BE8



F08261

Rectangle

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



72B056



00B8A4



BF8BE8



F8759E

Sweetspot

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



72B056



CEE6C3



B09456



65735E



F2F2F2



737373

Same Dimension

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



72B056



85E65A



56B066



535950



309900



081A00

Inverse Universe

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



9456B0



BA5AE6



B0569F



565059



690099



12001A

Previews

White Background



This preview shows how the Hex color 72B056 looks on a white background.

Color Contrast Check

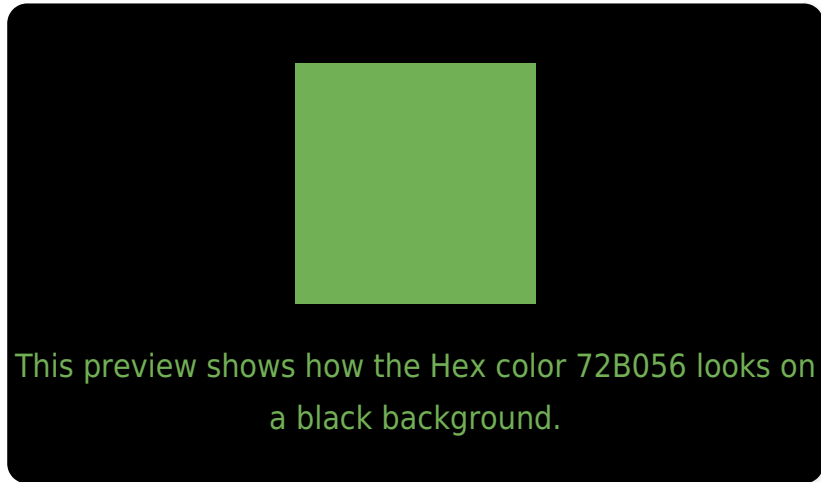
Large Text (above 18pt) WCAG AA × Fail

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 72B056 Background



This preview shows how black text looks on a background with the Hex color 72B056.

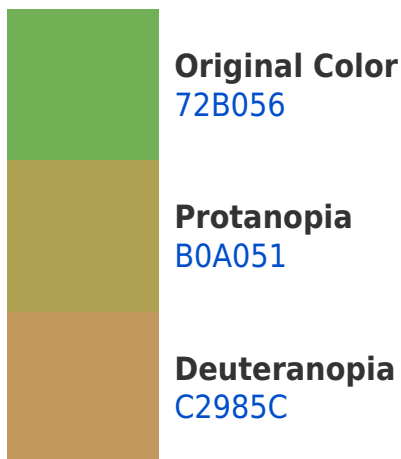


This preview shows how white text looks on a background with the Hex color 72B056.

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
81A6B3

Trichromacy



Original Color

72B056



Protanomaly

99A653



Deuteranomaly

A5A15A



Tritanomaly

7CAA91

Monochromacy



Original Color

72B056



Achromatopsia

939393



Achromatomaly

879E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 72B056 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 #72B056 looks like.

```
.text, #text, p{  
    color:#72B056  
}
```

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 #72B056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B056
}
```

Border

The CSS property to change the border of an element to Hex 72B056 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
#72B056 }
```

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

```
.border{ border-color:#72B056 }
```

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

Here you see how a box with a 4 pixel #72B056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B056; -webkit-box-shadow:4px 4px  
4px 4px #72B056; box-shadow:4px 4px 4px  
4px #72B056 }
```

Background

The CSS property to change the background color of an element to Hex 72B056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B056 }
```

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

```
.background{ background-color:#72B056 }
```

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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