

Converting Colors

Hex(72B735)

Have a look what the booklet for
Hex(72B735) contains.

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Color

Hex(72B735)

Conversions

Conversions Part 1

Format	Color
Hex	72B735
RGB	114, 183, 53
RGB Percent	45%, 72%, 21%
CMY	0.5529, 0.2824, 0.7922
CMYK	0.38, 0.00, 0.71, 0.28
HSL	92°, 55%, 46%
HSV	92°, 71%, 72%
XYZ	24.5155, 37.7014, 9.3532
YIQ	147.5490, 0.6060, -55.0580

Conversions

Conversions Part 2

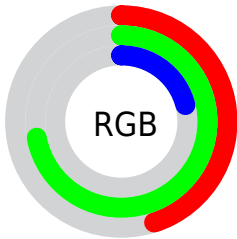
Format	Color
RYB	53, 183, 122
Decimal	7518005
CIELab	67.80, -42.93, 56.24
CIElCh	68, 70.750, 127.358
Yxy	37.7014, 0.3425, 0.5268
Android (android.graphics.Color)	4285708085 (0xFF72B735)
YUV	147.5490, -46.6127, -29.4225
Hunter-Lab	61.4015, -36.1836, 33.9495

Details

The Hex color **72B735** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7A35B7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AAEF6B**, and **3A8100** is the 20% darker color. If you saturate the color by 10%, you get **68B723**, and if you desaturate by 10%, it is **7CB747**.

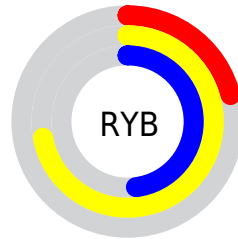
Distribution



Red (45%)

Green (72%)

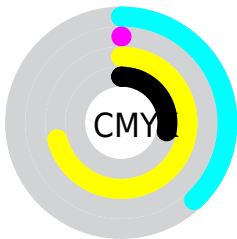
Blue (21%)



Red (21%)

Yellow (72%)

Blue (48%)

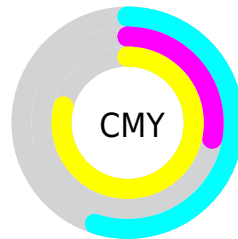


Cyan (38%)

Magenta (0%)

Yellow (71%)

Black (28%)



Cyan (55%)

Magenta (28%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B735 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 72B735 by changing the saturation by 10% instead.



72B735



72B735

FFFFFF



569C16



AAEF6B



3A8100



C7FF86



196800



E4FFA2



004F00



FFFFBE



003700



FFFFDB



002200



FFFFF8



000000



72B735



72B735



68B723



7CB747

 5FB710

 85B75A

 56B700

 8FB76C

 99B77E

 A3B791

 ACB7A3

 B6B7B5

 C0B7C7

 C9B7DA

Harmonies

Analogous

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



B6A702



72B735



00C071

Triad

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



72B735



00B9FF



FF6598

Complementary

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



72B735



7A35B7

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.



FE71D8



72B735



00A8FF

Square

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



72B735



00C1F1



BB8DFF



FF755B

Rectangle

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



72B735



00C29D



BB8DFF



FF66AE

Sweetspot

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



72B735



D3EDBB



B77835



68785A



F7F7F7



787878

Same Dimension

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



72B735



82ED24



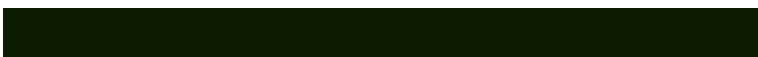
35B737



575C53



499C00



0D1C00

Inverse Universe

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



7A35B7



8F24ED



B735B5



57535C



53009C



0F001C

Previews

White Background



This preview shows how the Hex color 72B735 looks on a white background.

Color Contrast Check

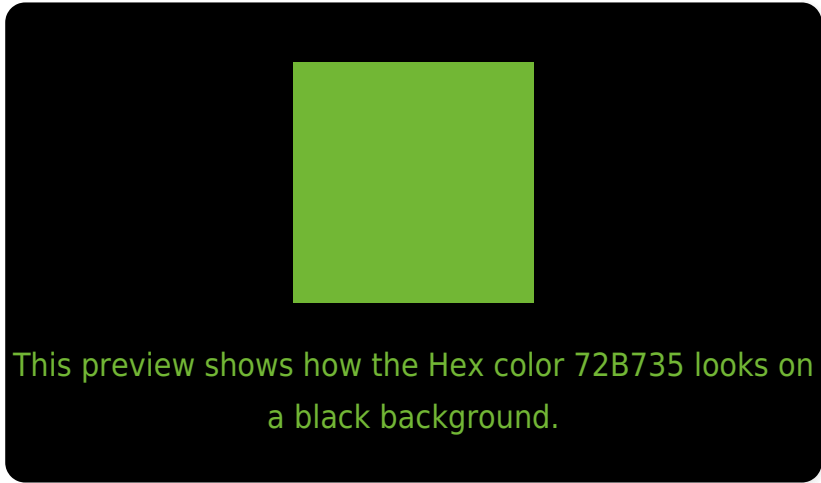
Large Text (above 18pt) WCAG AA × Fail

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 72B735 Background



This preview shows how black text looks on a background with the Hex color 72B735.

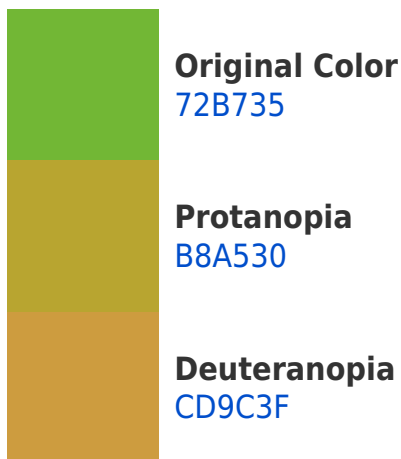


This preview shows how white text looks on a background with the Hex color 72B735.

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
85ABB9

Trichromacy



Original Color

72B735



Protanomaly

9FAC32



Deuteranomaly

ACA63B



Tritanomaly

7EAF89

Monochromacy



Original Color

72B735



Achromatopsia

949494



Achromatomaly

88A171

CSS Examples

Text

The CSS property to change the color of the text to Hex 72B735 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 #72B735 looks like.

```
.text, #text, p{  
    color:#72B735  
}
```

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 #72B735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B735
}
```

Border

The CSS property to change the border of an element to Hex 72B735 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
#72B735 }
```

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

```
.border{ border-color:#72B735 }
```

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

Here you see how a box with a 4 pixel #72B735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B735; -webkit-box-shadow:4px 4px  
4px 4px #72B735; box-shadow:4px 4px 4px  
4px #72B735 }
```

Background

The CSS property to change the background color of an element to Hex 72B735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B735 }
```

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

```
.background{ background-color:#72B735 }
```

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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