

Converting Colors

Hex(72AF62)

Have a look what the booklet for
Hex(72AF62) contains.

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Color

Hex(72AF62)

Conversions

Conversions Part 1

Format	Color
Hex	72AF62
RGB	114, 175, 98
RGB Percent	45%, 69%, 38%
CMY	0.5529, 0.3137, 0.6157
CMYK	0.35, 0.00, 0.44, 0.31
HSL	108°, 32%, 54%
HSV	108°, 44%, 69%
XYZ	24.4740, 35.1192, 17.0440
YIQ	147.9830, -11.6390, -36.8790

Conversions

Conversions Part 2

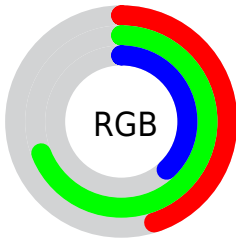
Format	Color
RYB	98, 175, 159
Decimal	7516002
CIELab	65.84, -34.67, 33.32
CIELCh	66, 48.083, 136.137
Yxy	35.1192, 0.3193, 0.4583
Android (android.graphics.Color)	4285706082 (0xFF72AF62)
YUV	147.9830, -24.6416, -29.8031
Hunter-Lab	59.2614, -29.9900, 24.4308

Details

The Hex color **72AF62** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9F62AF**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A8E796**, and **3E7A31** is the 20% darker color. If you saturate the color by 10%, you get **64AF51**, and if you desaturate by 10%, it is **80AF74**.

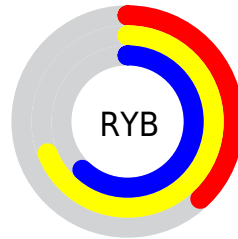
Distribution



Red (45%)

Green (69%)

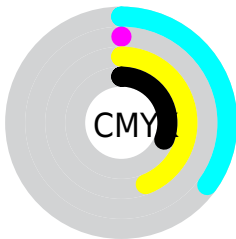
Blue (38%)



Red (38%)

Yellow (69%)

Blue (62%)

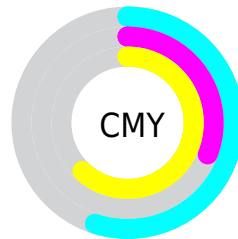


Cyan (35%)

Magenta (0%)

Yellow (44%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72AF62 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 72AF62 by changing the saturation by 10% instead.

■ 72AF62

■ 72AF62

FFFFFF

■ 589449

■ A8E796

■ 3E7A31

■ C4FFB1

■ 236119

■ E1FFCD

■ 004800

■ FEFFE9

■ 003100

■ 001D00

■ 000000

■ 72AF62

■ 72AF62

■ 64AF51

■ 80AF74

■ 56AF3F

■ 8EAF85

■ 48AF2E

■ 9CAF97

■ 3BAF1C

■ A9AFA8

■ 2DAF0B

■ B7AFBA

■ 24AF00

■ C5AFCB

■ D3AFDD

■ E1AFEE

■ EFAFFF

Harmonies

Analogous

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



A3A54A



72AF62



26B58A

Triad

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



72AF62



00AAF3



F17C8A

Complementary

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



72AF62



9F62AF

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.



E67EB6



72AF62



829CF3

Square

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



72AF62



00B3DD



C18CDC



E78764

Rectangle

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



72AF62



00B6A8



C18CDC



F07B99

Sweetspot

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



72AF62



CCE3C5



AF9E62



647360



F2F2F2



737373

Same Dimension

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



72AF62



84E36B



62AF78



50574E



1F9600



051700

Inverse Universe

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



9F62AF



CA6BE3



AF6299



554E57



770096



120017

Previews

White Background



This preview shows how the Hex color 72AF62 looks on a white background.

Color Contrast Check

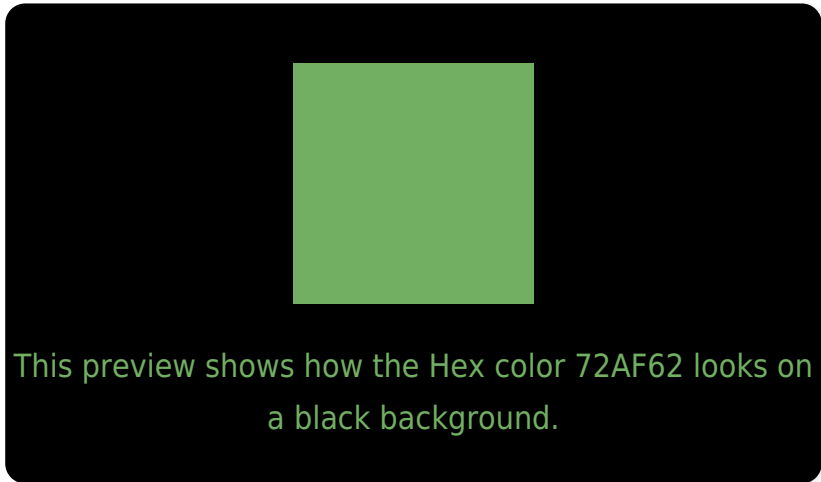
Large Text (above 18pt) WCAG AA × Fail

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 72AF62 Background



This preview shows how black text looks on a background with the Hex color 72AF62.

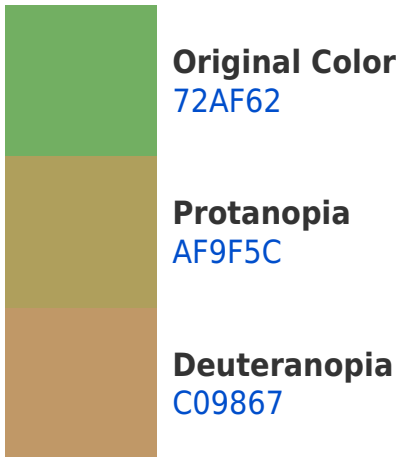


This preview shows how white text looks on a background with the Hex color 72AF62.

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
80A6B3

Trichromacy



Original Color

72AF62



Protanomaly

99A55E



Deuteranomaly

A4A065



Tritanomaly

7BA996

Monochromacy



Original Color

72AF62



Achromatopsia

949494



Achromatomaly

889E82

CSS Examples

Text

The CSS property to change the color of the text to Hex 72AF62 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 #72AF62 looks like.

```
.text, #text, p{  
    color:#72AF62  
}
```

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 #72AF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72AF62
}
```

Border

The CSS property to change the border of an element to Hex 72AF62 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
#72AF62 }
```

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

```
.border{ border-color:#72AF62 }
```

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

Here you see how a box with a 4 pixel #72AF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72AF62; -webkit-box-shadow:4px 4px  
4px 4px #72AF62; box-shadow:4px 4px 4px  
4px #72AF62 }
```

Background

The CSS property to change the background color of an element to Hex 72AF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72AF62 }
```

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

```
.background{ background-color:#72AF62 }
```

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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