

Converting Colors

Hex(72D445)

Have a look what the booklet for
Hex(72D445) contains.

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Color

Hex(72D445)

Conversions

Conversions Part 1

Format	Color
Hex	72D445
RGB	114, 212, 69
RGB Percent	45%, 83%, 27%
CMY	0.5529, 0.1686, 0.7294
CMYK	0.46, 0.00, 0.67, 0.17
HSL	101°, 62%, 55%
HSV	101°, 67%, 83%
XYZ	31.5571, 51.0940, 13.8291
YIQ	166.3960, -12.5050, -65.2490

Conversions

Conversions Part 2

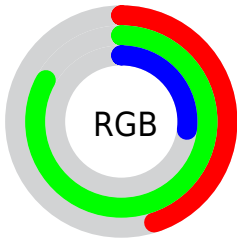
Format	Color
RYB	69, 212, 167
Decimal	7525445
CIELab	76.74, -53.50, 59.36
CIELCh	77, 79.910, 132.030
Yxy	51.0940, 0.3271, 0.5296
Android (android.graphics.Color)	4285715525 (0xFF72D445)
YUV	166.3960, -48.0162, -45.9513
Hunter-Lab	71.4801, -46.2859, 38.5653

Details

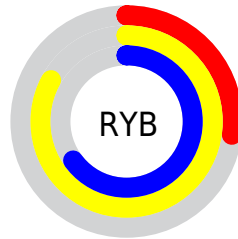
The Hex color **72D445** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **A745D4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **ACFF7C**, and **349C00** is the 20% darker color. If you saturate the color by 10%, you get **63D430**, and if you desaturate by 10%, it is **81D45A**.

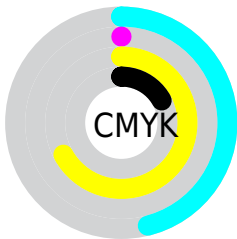
Distribution



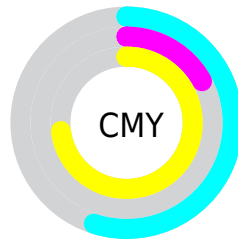
- Red (45%)
- Green (83%)
- Blue (27%)



- Red (27%)
- Yellow (83%)
- Blue (65%)



- Cyan (46%)
- Magenta (0%)
- Yellow (67%)
- Black (17%)



- Cyan (55%)
- Magenta (17%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72D445 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 72D445 by changing the saturation by 10% instead.



72D445



72D445

FFFFFF



54B828



ACFF7C



349C00



CAFF97



018200



E8FFB4



006800



FFFFD0



004F00



FFFFED



003700



001F00



000000



72D445



72D445

■ 63D430

■ 81D45A

■ 55D41B

■ 8FD46F

■ 46D405

■ 9ED485

■ 43D400

■ ACD49A

■ BBD4AF

■ C9D4C4

■ D8D4D9

■ E6D4EF

■ F5D4FF

Harmonies

Analogous

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



C6C300



72D445



00DD8D

Triad

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



72D445



00D2FF



FF73A3

Complementary

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



72D445



A745D4

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.



FF7CED



72D445



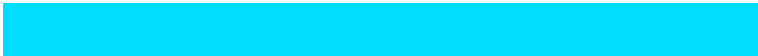
4FBCFF

Square

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



72D445



00DDFF



E69CFF



FF8A5D

Rectangle

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



72D445



00E0C0



E69CFF



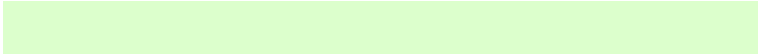
FF72BB

Sweetspot

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



72D445



DCFFCC



D4A745



6B8061



000000



808080

Same Dimension

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



72D445



71FF30



45D45F



646B60



36AB00



0E2B00

Inverse Universe

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



A745D4



BE30FF



D445BA



68606B



7500AB



1E002B

Previews

White Background



This preview shows how the Hex color 72D445 looks on a white background.

Color Contrast Check

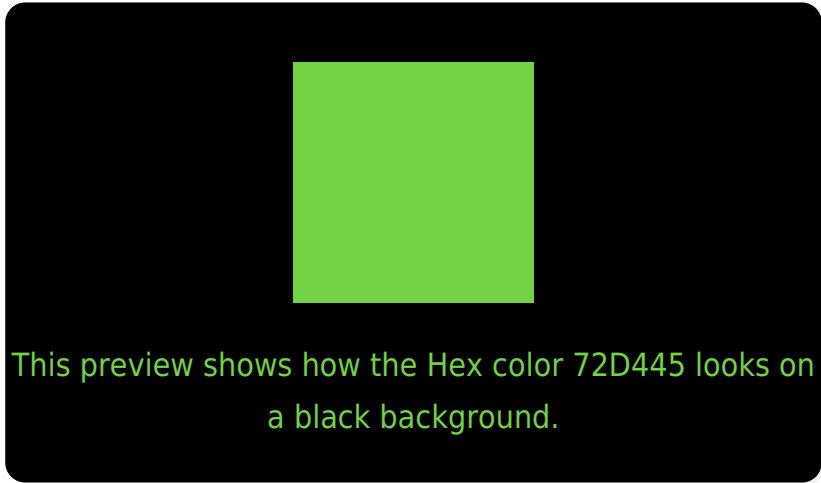
Large Text (above 18pt) WCAG AA × Fail

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 72D445 Background



This preview shows how black text looks on a background with the Hex color 72D445.

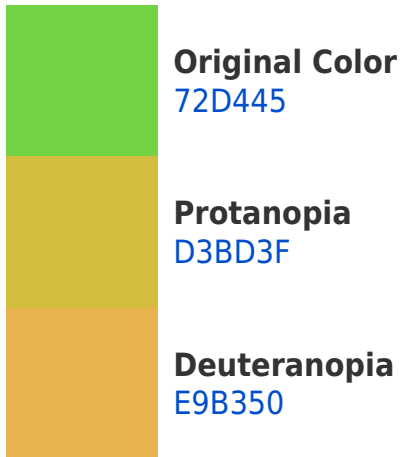


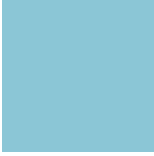
This preview shows how white text looks on a background with the Hex color 72D445.

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](#).

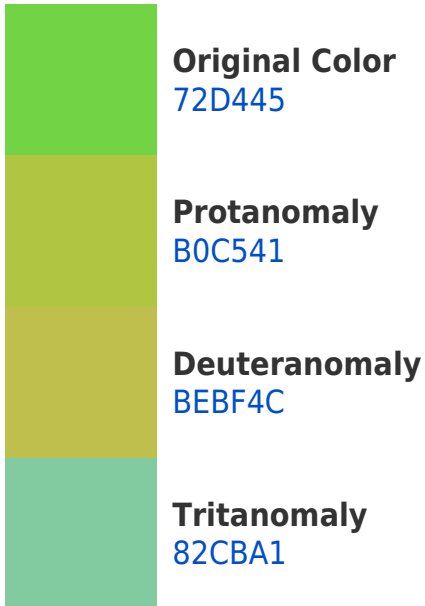
Dichromacy



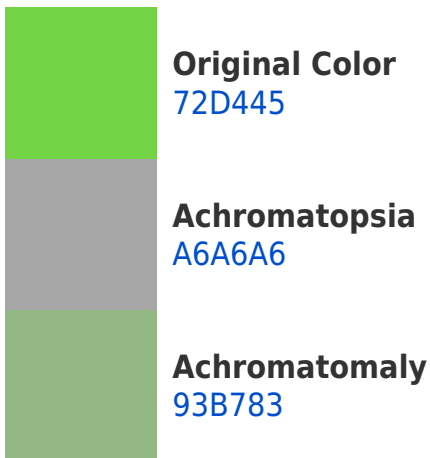


Tritanopia
8BC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72D445 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 #72D445 looks like.

```
.text, #text, p{  
    color:#72D445  
}
```

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 #72D445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72D445
}
```

Border

The CSS property to change the border of an element to Hex 72D445 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
#72D445 }
```

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

```
.border{ border-color:#72D445 }
```

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

Here you see how a box with a 4 pixel #72D445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72D445; -webkit-box-shadow:4px 4px  
4px 4px #72D445; box-shadow:4px 4px 4px  
4px #72D445 }
```

Background

The CSS property to change the background color of an element to Hex 72D445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72D445 }
```

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

```
.background{ background-color:#72D445 }
```

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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