

Converting Colors

Hex(75B445)

Have a look what the booklet for
Hex(75B445) contains.

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Color

Hex(75B445)

Conversions

Conversions Part 1

Format	Color
Hex	75B445
RGB	117, 180, 69
RGB Percent	46%, 71%, 27%
CMY	0.5412, 0.2941, 0.7294
CMYK	0.35, 0.00, 0.62, 0.29
HSL	94°, 45%, 49%
HSV	94°, 62%, 71%
XYZ	24.7316, 36.8541, 11.4403
YIQ	148.5090, -1.9170, -47.8770

Conversions

Conversions Part 2

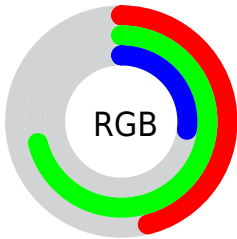
Format	Color
RYB	69, 180, 132
Decimal	7713861
CIELab	67.17, -39.27, 49.02
CIElCh	67, 62.809, 128.701
Yxy	36.8541, 0.3387, 0.5047
Android (android.graphics.Color)	4285903941 (0xFF75B445)
YUV	148.5090, -39.1979, -27.6334
Hunter-Lab	60.7076, -33.5194, 31.3222

Details

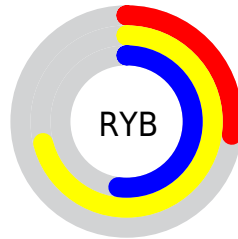
The Hex color **75B445** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8445B4**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **ADEC79**, and **3E7F0B** is the 20% darker color. If you saturate the color by 10%, you get **6BB433**, and if you desaturate by 10%, it is **7FB457**.

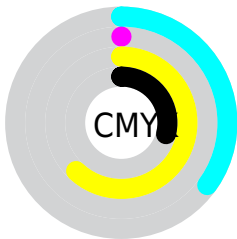
Distribution



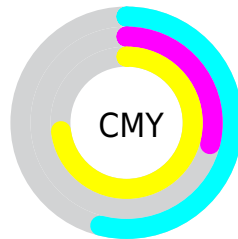
- Red (46%)
- Green (71%)
- Blue (27%)



- Red (27%)
- Yellow (71%)
- Blue (52%)



- Cyan (35%)
- Magenta (0%)
- Yellow (62%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B445 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 75B445 by changing the saturation by 10% instead.



75B445



75B445

FFFFFF



5A992B



ADEC79



3E7F0B



C9FF94



216500



E6FFB0



004D00



FFFFCC



003500



FFFFE9



002100



000000



75B445



75B445



6BB433



7FB457

 61B421

 89B469

 56B40F

 94B47B

 4EB400

 9EB48D

 A8B49F

 B2B4B1

 BDB4C3

 C7B4D5

 D1B4E7

Harmonies

Analogous

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



B2A627



75B445



00BC78

Triad

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



75B445



00B4FF



FF6E95

Complementary

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



75B445



8445B4

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.



F477CE



75B445



4CA4FF

Square

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



75B445



00BDE9



BC8DFC



FF7B60

Rectangle

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



75B445



00BE9F



BC8DFC



FF6FA8

Sweetspot

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



75B445



D1EBBE



B48445



66755A



F5F5F5



757575

Same Dimension

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



75B445



88EB3D



45B44C



545950



429900



0B1A00

Inverse Universe

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



8445B4



A03DEB



B445AD



555059



570099



0E001A

Previews

White Background



This preview shows how the Hex color 75B445 looks on a white background.

Color Contrast Check

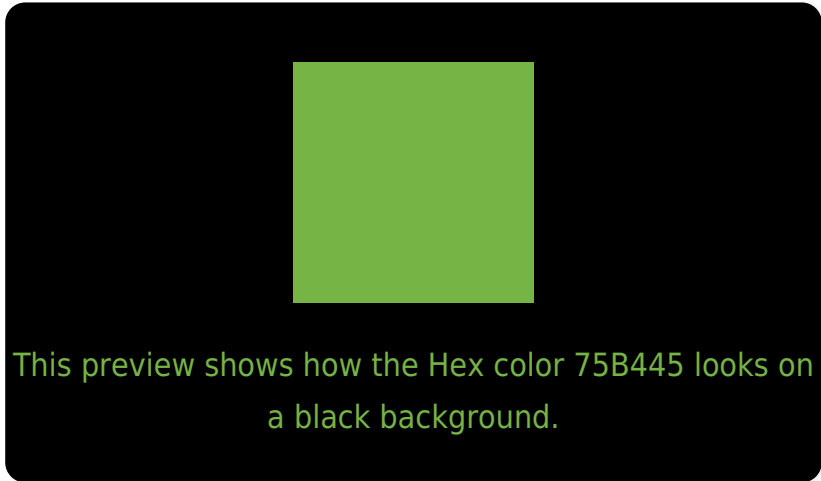
Large Text (above 18pt) WCAG AA × Fail

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 75B445 Background



This preview shows how black text looks on a background with the Hex color 75B445.

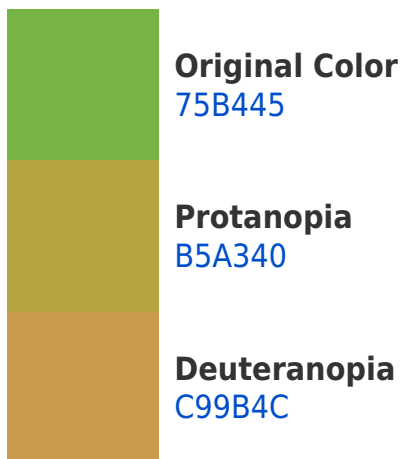


This preview shows how white text looks on a background with the Hex color 75B445.

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](#).

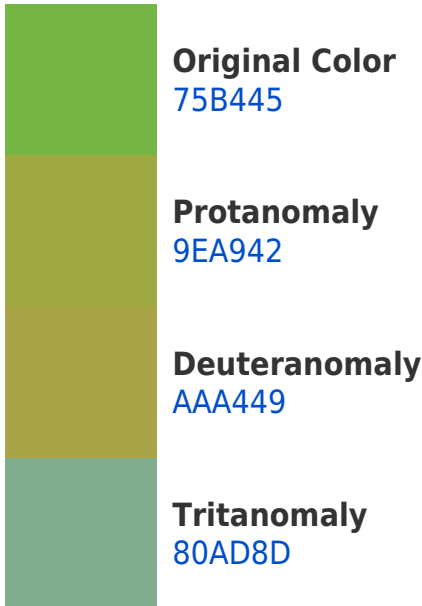
Dichromacy





Tritanopia
86A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B445 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 #75B445 looks like.

```
.text, #text, p{  
    color:#75B445  
}
```

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 #75B445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B445  
}
```

Border

The CSS property to change the border of an element to Hex 75B445 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  
#75B445 }
```

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

```
.border{ border-color:#75B445 }
```

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

Here you see how a box with a 4 pixel #75B445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B445; -webkit-box-shadow:4px 4px  
4px 4px #75B445; box-shadow:4px 4px 4px  
4px #75B445 }
```

Background

The CSS property to change the background color of an element to Hex 75B445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B445 }
```

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

```
.background{ background-color:#75B445 }
```

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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