

Converting Colors

Hex(76A55B)

Have a look what the booklet for
Hex(76A55B) contains.

Hex(76A55B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76A55B)

Conversions

Conversions Part 1

Format	Color
Hex	76A55B
RGB	118, 165, 91
RGB Percent	46%, 65%, 36%
CMY	0.5373, 0.3529, 0.6431
CMYK	0.28, 0.00, 0.45, 0.35
HSL	98°, 29%, 50%
HSV	98°, 45%, 65%
XYZ	22.8147, 31.5171, 14.7785
YIQ	142.5110, -4.2580, -32.9780

Conversions

Conversions Part 2

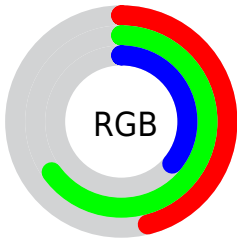
Format	Color
RYB	91, 165, 138
Decimal	7775579
CIELab	62.94, -29.53, 33.32
CIElCh	63, 44.524, 131.544
Yxy	31.5171, 0.3301, 0.4560
Android (android.graphics.Color)	4285965659 (0xFF76A55B)
YUV	142.5110, -25.3949, -21.4961
Hunter-Lab	56.1401, -25.7050, 23.6904

Details

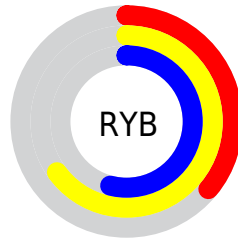
The Hex color **76A55B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A5BA5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ACDC8E**, and **43712B** is the 20% darker color. If you saturate the color by 10%, you get **6CA54A**, and if you desaturate by 10%, it is **80A56B**.

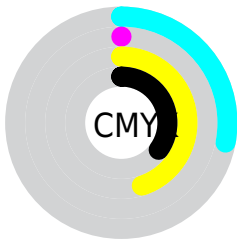
Distribution



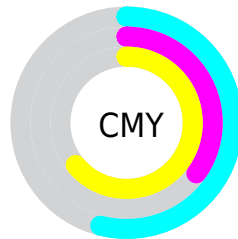
- Red (46%)
- Green (65%)
- Blue (36%)



- Red (36%)
- Yellow (65%)
- Blue (54%)



- Cyan (28%)
- Magenta (0%)
- Yellow (45%)
- Black (35%)



- Cyan (54%)
- Magenta (35%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A55B 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 76A55B by changing the saturation by 10% instead.



76A55B



76A55B

FFFFFF



5C8A43



ACDC8E



43712B



C8F9A9



2A5813



E4FFC5



0F4000



FFFFE1



002A00

FFFFFFE



001200



000000



76A55B



76A55B



6CA54A



80A56B

 61A53A

 8BA57C

 57A52A

 95A58C

 4CA519

 A0A59D

 42A508

 AAA5AD

 3CA500

 B5A5BE

 BFA5CE

 CAA5DF

 D4A5EF

Harmonies

Analogous

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



A19B48



76A55B



3CAB7E

Triad

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



76A55B



00A3E3



E3778A

Complementary

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



76A55B



8A5BA5

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.



D57BB2



76A55B



7397E6

Square

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



76A55B



00AACC



B088D4



DC7F66

Rectangle

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



76A55B



00AD99



B088D4



E17798

Sweetspot

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



76A55B



C5D6BA



A58A5B



606B5A



EBEBEB



6B6B6B

Same Dimension

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



76A55B



8DD663



5BA565



4C5249



359100



071200

Inverse Universe

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



8A5BA5



AC63D6



A55B9B



4F4952



5C0091



0B0012

Previews

White Background



This preview shows how the Hex color 76A55B looks on a white background.

Color Contrast Check

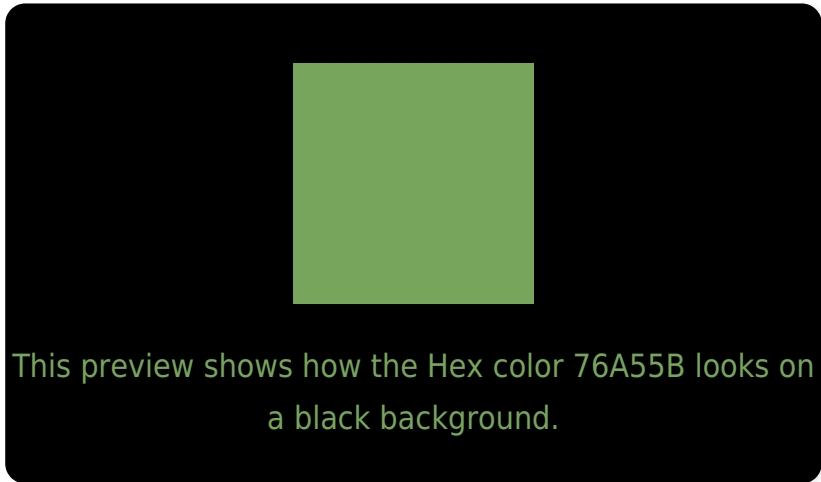
Large Text (above 18pt) WCAG AA × Fail

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

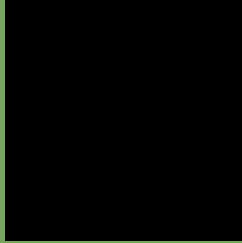
Any Text WCAG AA ✓ Pass

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 76A55B Background



This preview shows how black text looks on a background with the Hex color 76A55B.

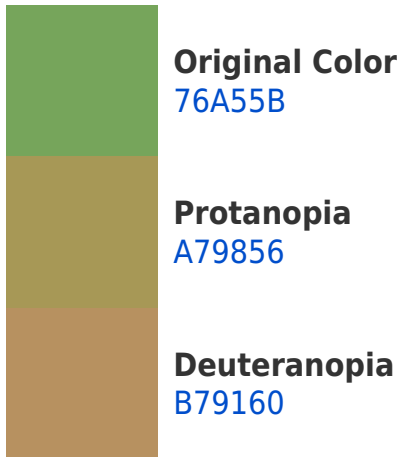


This preview shows how white text looks on a background with the Hex color 76A55B.

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



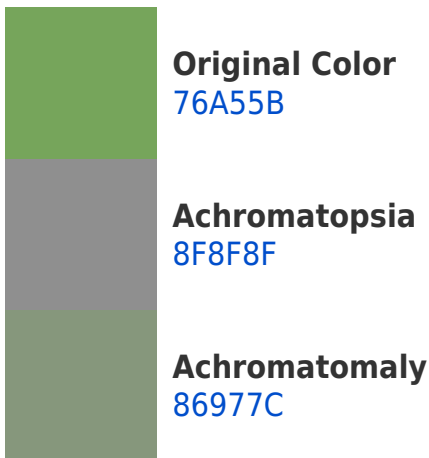


Tritanopia
829CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A55B 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 #76A55B looks like.

```
.text, #text, p{  
    color:#76A55B  
}
```

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 #76A55B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A55B
}
```

Border

The CSS property to change the border of an element to Hex 76A55B 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
#76A55B }
```

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

```
.border{ border-color:#76A55B }
```

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

Here you see how a box with a 4 pixel #76A55B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A55B; -webkit-box-shadow:4px 4px  
4px 4px #76A55B; box-shadow:4px 4px 4px  
4px #76A55B }
```

Background

The CSS property to change the background color of an element to Hex 76A55B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A55B }
```

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

```
.background{ background-color:#76A55B }
```

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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