

Converting Colors

Hex(7EA452)

Have a look what the booklet for
Hex(7EA452) contains.

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Color

Hex(7EA452)

Conversions

Conversions Part 1

Format	Color
Hex	7EA452
RGB	126, 164, 82
RGB Percent	49%, 64%, 32%
CMY	0.5059, 0.3569, 0.6784
CMYK	0.23, 0.00, 0.50, 0.36
HSL	88°, 33%, 48%
HSV	88°, 50%, 64%
XYZ	23.4026, 31.5957, 12.8478
YIQ	143.2900, 3.6740, -33.5580

Conversions

Conversions Part 2

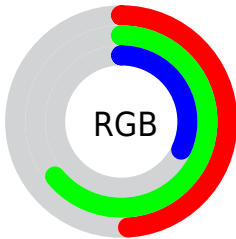
Format	Color
RYB	82, 164, 120
Decimal	8299602
CIELab	63.01, -27.16, 38.12
CIELCh	63, 46.811, 125.471
Yxy	31.5957, 0.3449, 0.4657
Android (android.graphics.Color)	4286489682 (0xFF7EA452)
YUV	143.2900, -30.2160, -15.1633
Hunter-Lab	56.2101, -24.0505, 25.7953

Details

The Hex color **7EA452** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7852A4**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B4DB85**, and **4A7021** is the 20% darker color. If you saturate the color by 10%, you get **76A442**, and if you desaturate by 10%, it is **86A462**.

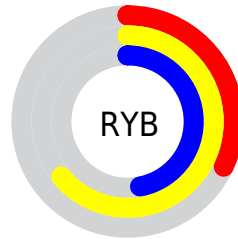
Distribution



Red (49%)

Green (64%)

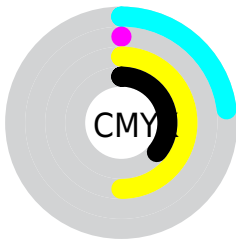
Blue (32%)



Red (32%)

Yellow (64%)

Blue (47%)

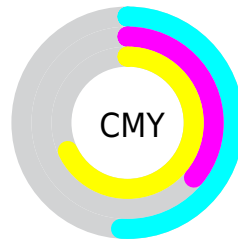


Cyan (23%)

Magenta (0%)

Yellow (50%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EA452 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 7EA452 by changing the saturation by 10% instead.

 7EA452

 7EA452


FFFFFF

 648A39

 B4DB85

 4A7021

 D0F8A0

 315705

 EDFFBB

 1A4000

 FFFFD7

 002900

 FFFFF4

 001200

 000000

 7EA452

 7EA452

 76A442

 86A462

 6FA431

 8DA473

 67A421

 95A483

 60A410

 9CA494

 58A400

 A4A4A4

 ACA4B4

 B3A4C5

 BBA4D5

 C2A4E6

Harmonies

Analogous

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



AA9942



7EA452



44AB74

Triad

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



7EA452



00A6E3



E67592

Complementary

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



7EA452



7852A4

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.



D27BBC



7EA452



5E9AEB

Square

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



7EA452



00ACC8



A68BDC



E27C6A

Rectangle

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



7EA452



00AD91



A68BDC



E276A1

Sweetspot

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



7EA452



C7D6B6



A47752



626B58



EBEBEB



6B6B6B

Same Dimension

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



7EA452



9BD656



56A452



4E5249



4E9100



0A1200

Inverse Universe

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



7852A4



9156D6



A052A4



4D4952



430091



080012

Previews

White Background



This preview shows how the Hex color 7EA452 looks on a white background.

Color Contrast Check

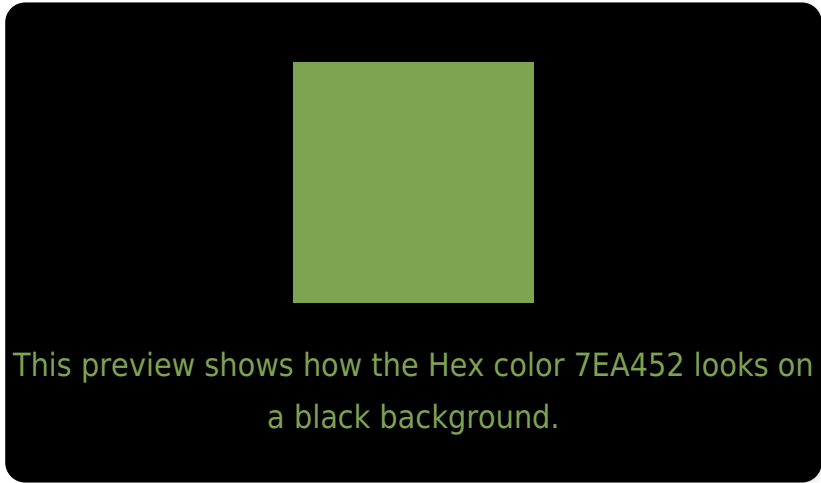
Large Text (above 18pt) WCAG AA × Fail

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

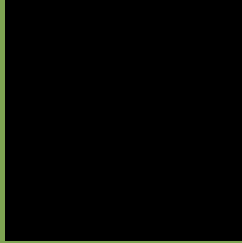
Any Text WCAG AA ✓ Pass

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 7EA452 Background



This preview shows how black text looks on a background with the Hex color 7EA452.

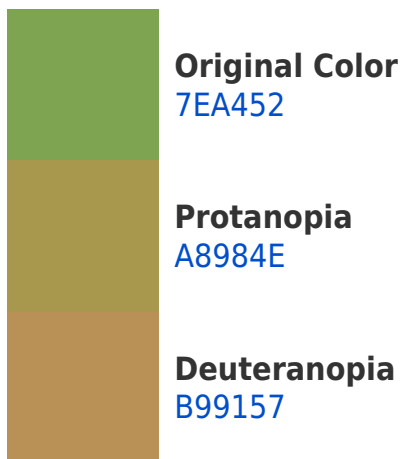


This preview shows how white text looks on a background with the Hex color 7EA452.

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](#).

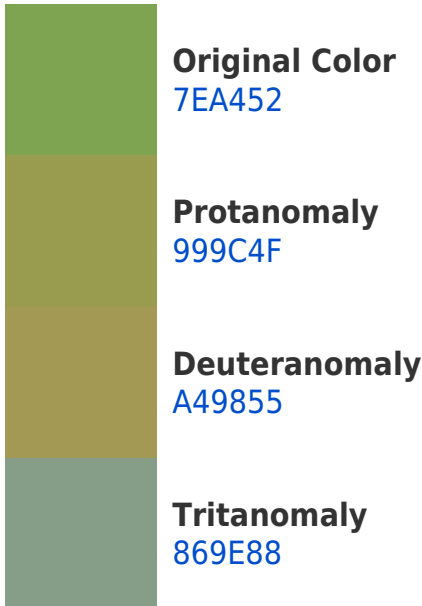
Dichromacy



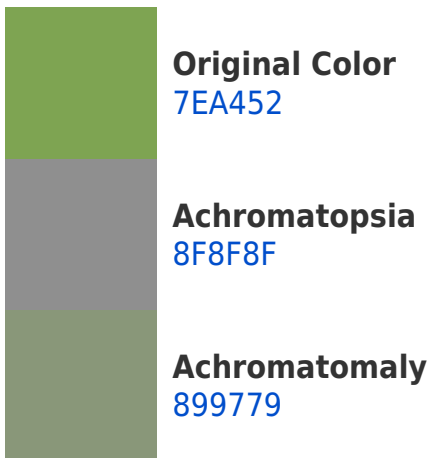


Tritanopia
8A9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EA452 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 #7EA452 looks like.

```
.text, #text, p{  
    color:#7EA452  
}
```

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 #7EA452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EA452
}
```

Border

The CSS property to change the border of an element to Hex 7EA452 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
#7EA452 }
```

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

```
.border{ border-color:#7EA452 }
```

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

Here you see how a box with a 4 pixel #7EA452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EA452; -webkit-box-shadow:4px 4px  
4px 4px #7EA452; box-shadow:4px 4px 4px  
4px #7EA452 }
```

Background

The CSS property to change the background color of an element to Hex 7EA452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EA452 }
```

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

```
.background{ background-color:#7EA452 }
```

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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