

Converting Colors

Hex(7EA350)

Have a look what the booklet for
Hex(7EA350) contains.

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Color

Hex(7EA350)

Conversions

Conversions Part 1

Format	Color
Hex	7EA350
RGB	126, 163, 80
RGB Percent	49%, 64%, 31%
CMY	0.5059, 0.3608, 0.6863
CMYK	0.23, 0.00, 0.51, 0.36
HSL	87°, 34%, 48%
HSV	87°, 51%, 64%
XYZ	23.1493, 31.2092, 12.3933
YIQ	142.4750, 4.5910, -33.6570

Conversions

Conversions Part 2

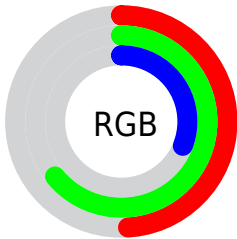
Format	Color
RYB	80, 163, 117
Decimal	8299344
CIELab	62.68, -26.90, 38.74
CIElCh	63, 47.162, 124.781
Yxy	31.2092, 0.3468, 0.4675
Android (android.graphics.Color)	4286489424 (0xFF7EA350)
YUV	142.4750, -30.8002, -14.4486
Hunter-Lab	55.8652, -23.7975, 25.9526

Details

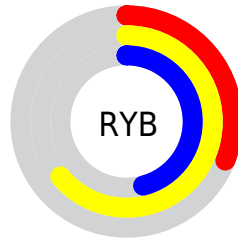
The Hex color **7EA350** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7550A3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B4DA83**, and **4A6F1F** is the 20% darker color. If you saturate the color by 10%, you get **77A340**, and if you desaturate by 10%, it is **85A360**.

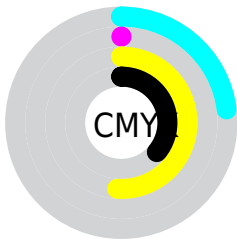
Distribution



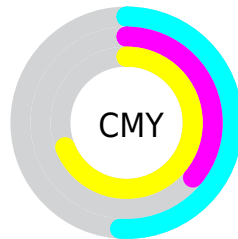
- Red (49%)
- Green (64%)
- Blue (31%)



- Red (31%)
- Yellow (64%)
- Blue (46%)



- Cyan (23%)
- Magenta (0%)
- Yellow (51%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EA350 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 7EA350 by changing the saturation by 10% instead.

 7EA350

 7EA350


FFFFFF

 648937

 B4DA83

 4A6F1F

 D1F79E

 315603

 EDFFB9

 1A3F00

 FFFFD5

 002900

 FFFFF2

 001100

 000000

 7EA350

 7EA350

 77A340

 85A360

 6FA32F

 8DA371

 68A31F

 94A381

 61A30F

 9BA391

 5AA300

 A2A3A2

 AAA3B2

 B1A3C2

 B8A3D2

 BFA3E3

Harmonies

Analogous

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



AA9841



7EA350



44AA72

Triad

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



7EA350



00A5E3



E57492

Complementary

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



7EA350



7550A3

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.



D17BBC



7EA350



5A9AEB

Square

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



7EA350



00ACC6



A48ADD



E27A6A

Rectangle

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



7EA350



00AC8F



A48ADD



E175A1

Sweetspot

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



7EA350



C5D4B4



A37450



636B58



EBEBEB



6B6B6B

Same Dimension

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



7EA350



9AD453



56A350



4E5249



519100



0A1200

Inverse Universe

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



7550A3



8C53D4



9D50A3



4D4952



410091



080012

Previews

White Background



This preview shows how the Hex color 7EA350 looks on a white background.

Color Contrast Check

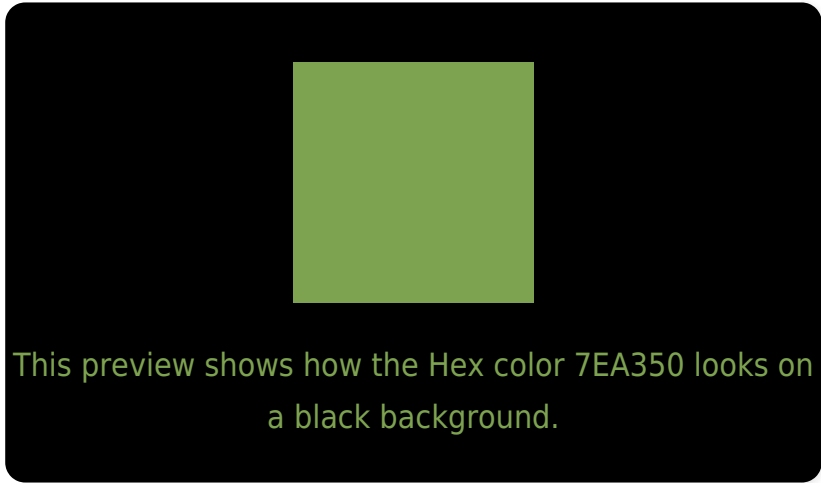
Large Text (above 18pt) WCAG AA × Fail

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 7EA350 Background



This preview shows how black text looks on a background with the Hex color 7EA350.



This preview shows how white text looks on a background with the Hex color 7EA350.

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



Original Color
7EA350

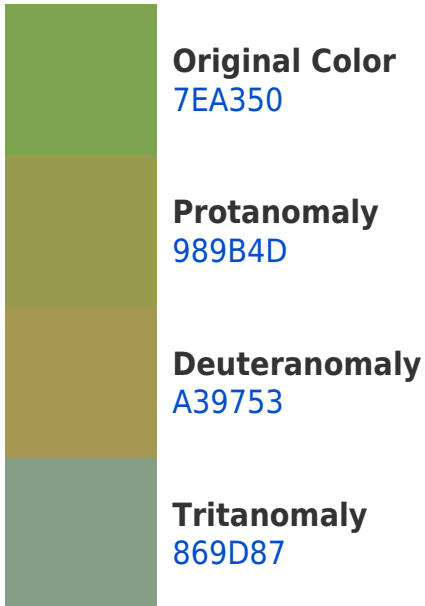
Protanopia
A7974C

Deuteranopia
B89055

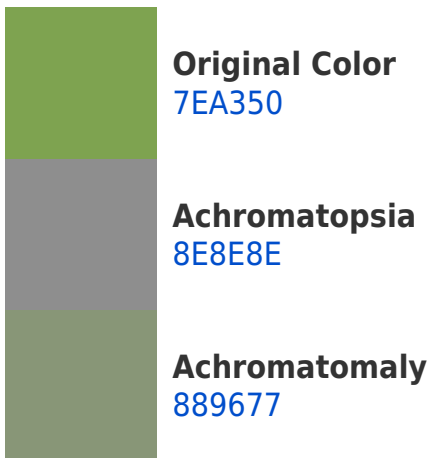


Tritanopia
8A9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EA350 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 #7EA350 looks like.

```
.text, #text, p{  
    color:#7EA350  
}
```

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 #7EA350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EA350  
}
```

Border

The CSS property to change the border of an element to Hex 7EA350 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  
#7EA350 }
```

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

```
.border{ border-color:#7EA350 }
```

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

Here you see how a box with a 4 pixel #7EA350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EA350; -webkit-box-shadow:4px 4px  
4px 4px #7EA350; box-shadow:4px 4px 4px  
4px #7EA350 }
```

Background

The CSS property to change the background color of an element to Hex 7EA350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EA350 }
```

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

```
.background{ background-color:#7EA350 }
```

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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