

Converting Colors

Hex(7FA250)

Have a look what the booklet for
Hex(7FA250) contains.

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Color

Hex(7FA250)

Conversions

Conversions Part 1

Format	Color
Hex	7FA250
RGB	127, 162, 80
RGB Percent	50%, 64%, 31%
CMY	0.5020, 0.3647, 0.6863
CMYK	0.22, 0.00, 0.51, 0.36
HSL	86°, 34%, 47%
HSV	86°, 51%, 64%
XYZ	23.1207, 30.9319, 12.3413
YIQ	142.1870, 5.4620, -32.9220

Conversions

Conversions Part 2

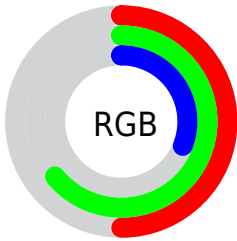
Format	Color
RYB	80, 162, 115
Decimal	8364624
CIELab	62.45, -26.03, 38.47
CIElCh	62, 46.445, 124.079
Yxy	30.9319, 0.3482, 0.4659
Android (android.graphics.Color)	4286554704 (0xFF7FA250)
YUV	142.1870, -30.6582, -13.3190
Hunter-Lab	55.6164, -23.1233, 25.7751

Details

The Hex color **7FA250** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7350A2**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B5D983**, and **4B6E1F** is the 20% darker color. If you saturate the color by 10%, you get **78A240**, and if you desaturate by 10%, it is **86A260**.

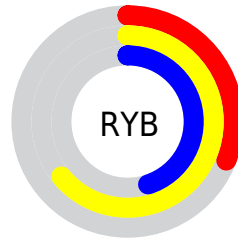
Distribution



Red (50%)

Green (64%)

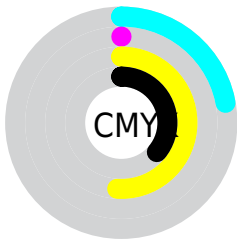
Blue (31%)



Red (31%)

Yellow (64%)

Blue (45%)

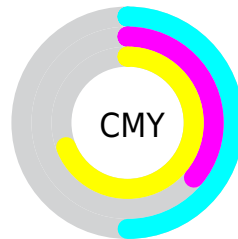


Cyan (22%)

Magenta (0%)

Yellow (51%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FA250 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 7FA250 by changing the saturation by 10% instead.

 7FA250

 7FA250

FFFFFF

 658837

 B5D983

 4B6E1F

 D2F69E

 325603

 EEFFB9

 1B3E00

 FFFFD5

 002800

 FFFFF2

 001000

 000000

 7FA250

 7FA250

 78A240

 86A260

 71A230

 8DA270

 6AA21F

 94A281

 63A20F

 9BA291

 5DA200

 A2A2A1

 A8A2B1

 AFA2C1

 B6A2D2

 BDA2E2

Harmonies

Analogous

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



AA9742



7FA250



47A971

Triad

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



7FA250



00A5E0



E37493

Complementary

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



7FA250



7350A2

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.



CE7BBC



7FA250



5999E9

Square

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



7FA250



00ABC4



A18ADB



E17A6B

Rectangle

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



7FA250



00AB8D



A18ADB



DF75A1

Sweetspot

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



7FA250



C6D4B4



A27250



636B58



EBEBEB



6B6B6B

Same Dimension

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



7FA250



9DD453



57A250



4E5249



539100



0A1200

Inverse Universe

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



7350A2



8A53D4



9B50A2



4D4952



3E0091



080012

Previews

White Background



This preview shows how the Hex color 7FA250 looks on a white background.

Color Contrast Check

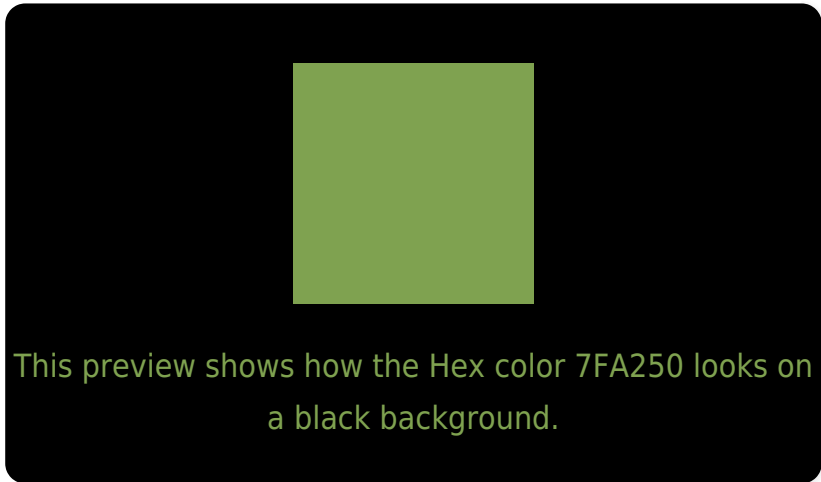
Large Text (above 18pt) WCAG AA × Fail

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 7FA250 Background



This preview shows how black text looks on a background with the Hex color 7FA250.

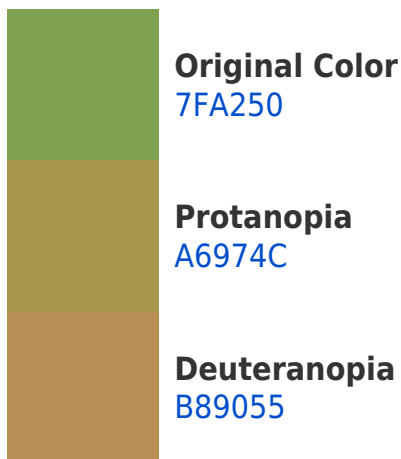


This preview shows how white text looks on a background with the Hex color 7FA250.

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](#).

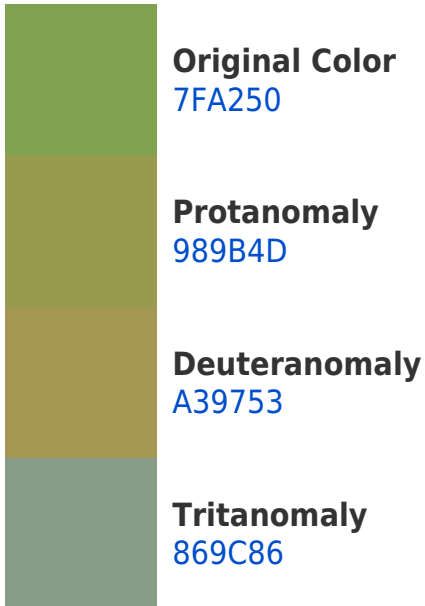
Dichromacy





Tritanopia
8A99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FA250 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 #7FA250 looks like.

```
.text, #text, p{  
    color:#7FA250  
}
```

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 #7FA250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA250
}
```

Border

The CSS property to change the border of an element to Hex 7FA250 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
#7FA250 }
```

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

```
.border{ border-color:#7FA250 }
```

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

Here you see how a box with a 4 pixel #7FA250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA250; -webkit-box-shadow:4px 4px  
4px 4px #7FA250; box-shadow:4px 4px 4px  
4px #7FA250 }
```

Background

The CSS property to change the background color of an element to Hex 7FA250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA250 }
```

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

```
.background{ background-color:#7FA250 }
```

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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