

Converting Colors

Hex(6EA861)

Have a look what the booklet for
Hex(6EA861) contains.

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Color

Hex(6EA861)

Conversions

Conversions Part 1

Format	Color
Hex	6EA861
RGB	110, 168, 97
RGB Percent	43%, 66%, 38%
CMY	0.5686, 0.3412, 0.6196
CMYK	0.35, 0.00, 0.42, 0.34
HSL	109°, 29%, 52%
HSV	109°, 42%, 66%
XYZ	22.5907, 32.1833, 16.3306
YIQ	142.5640, -11.7770, -34.3770

Conversions

Conversions Part 2

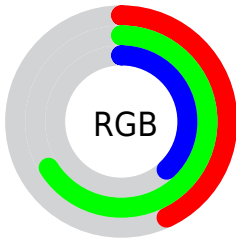
Format	Color
RYB	97, 168, 155
Decimal	7252065
CIELab	63.49, -32.93, 30.80
CIElCh	63, 45.086, 136.916
Yxy	32.1833, 0.3177, 0.4526
Android (android.graphics.Color)	4285442145 (0xFF6EA861)
YUV	142.5640, -22.4631, -28.5586
Hunter-Lab	56.7304, -28.1973, 22.6438

Details

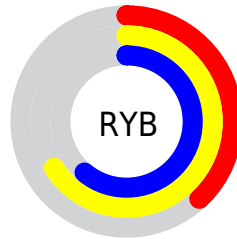
The Hex color **6EA861** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B61A8**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A4E095**, and **3A7331** is the 20% darker color. If you saturate the color by 10%, you get **60A850**, and if you desaturate by 10%, it is **7CA872**.

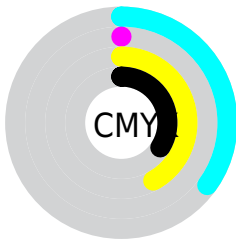
Distribution



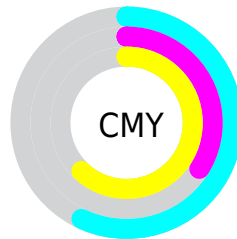
- Red (43%)
- Green (66%)
- Blue (38%)



- Red (38%)
- Yellow (66%)
- Blue (61%)



- Cyan (35%)
- Magenta (0%)
- Yellow (42%)
- Black (34%)



- Cyan (57%)
- Magenta (34%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EA861 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 6EA861 by changing the saturation by 10% instead.

 6EA861

 6EA861

FFFFFF

 548D48

 A4E095

 3A7331

 C0FCB0

 205A19

 DCFFCB

 004201

 F9FFE8

 002C00

 001500

 000000

 6EA861

 6EA861

 60A850

 7CA872

 53A83F

 89A883

 45A82F

 97A893

 37A81E

 A5A8A4

 29A80D

 B3A8B5

 1FA800

 C0A8C6

 CEA8D7

 DCA8E7

 EAA8F8

Harmonies

Analogous

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



9C9F4A



6EA861



2BAD86

Triad

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



6EA861



17A3E7



E67984

Complementary

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



6EA861



9B61A8

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.



DB7AAD



6EA861



8196E6

Square

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



6EA861



00ABD3



BA86D1



DB8361

Rectangle

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



6EA861



00AEA2



BA86D1



E57892

Sweetspot

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



6EA861



C4DBBF



A89B61



5F6E5C



EDEDED



6E6E6E

Same Dimension

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



6EA861



80DB6B



61A877



4D544C



1B9400



041400

Inverse Universe

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



9B61A8



C76BDB



A86192



534C54



790094



110014

Previews

White Background



This preview shows how the Hex color 6EA861 looks on a white background.

Color Contrast Check

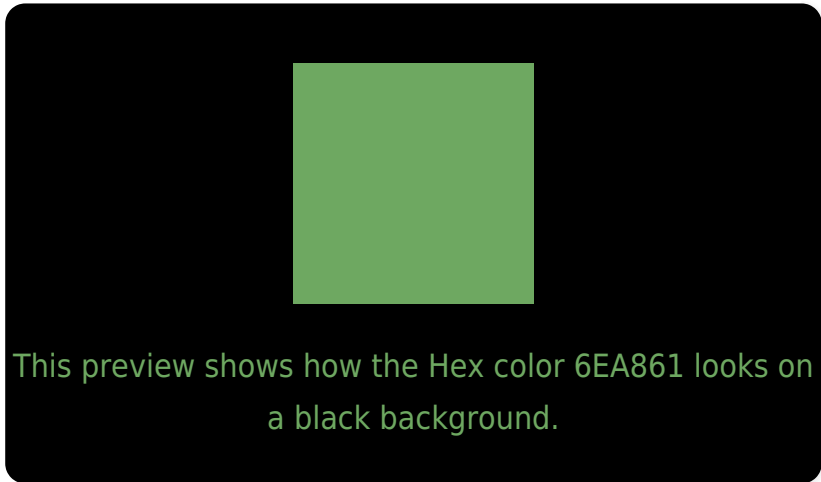
Large Text (above 18pt) WCAG AA × Fail

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 6EA861 Background



This preview shows how black text looks on a background with the Hex color 6EA861.



This preview shows how white text looks on a background with the Hex color 6EA861.

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](#).

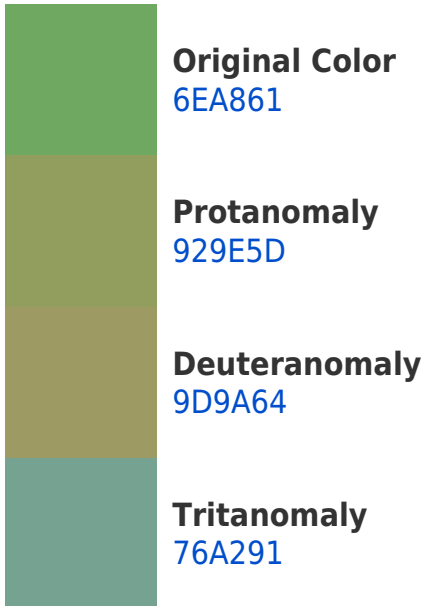
Dichromacy



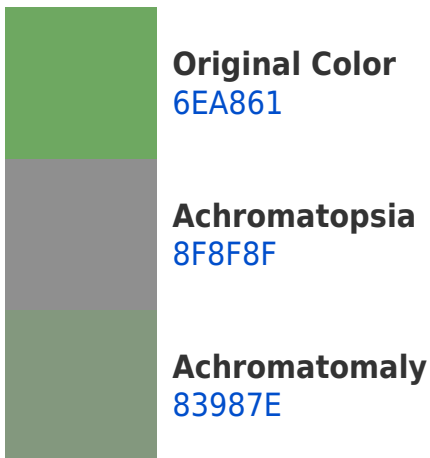


Tritanopia
7B9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EA861 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 #6EA861 looks like.

```
.text, #text, p{  
    color:#6EA861  
}
```

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 #6EA861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA861
}
```

Border

The CSS property to change the border of an element to Hex 6EA861 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
#6EA861 }
```

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

```
.border{ border-color:#6EA861 }
```

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

Here you see how a box with a 4 pixel #6EA861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA861; -webkit-box-shadow:4px 4px  
4px 4px #6EA861; box-shadow:4px 4px 4px  
4px #6EA861 }
```

Background

The CSS property to change the background color of an element to Hex 6EA861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA861 }
```

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

```
.background{ background-color:#6EA861 }
```

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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