

Converting Colors

Hex(4EA361)

Have a look what the booklet for
Hex(4EA361) contains.

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Color

Hex(4EA361)

Conversions

Conversions Part 1

Format	Color
Hex	4EA361
RGB	78, 163, 97
RGB Percent	31%, 64%, 38%
CMY	0.6941, 0.3608, 0.6196
CMYK	0.52, 0.00, 0.40, 0.36
HSL	133°, 35%, 47%
HSV	133°, 52%, 64%
XYZ	18.3967, 28.6772, 15.8749
YIQ	130.0610, -29.4740, -38.5460

Conversions

Conversions Part 2

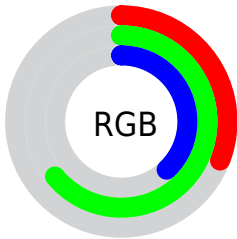
Format	Color
RYB	78, 147, 163
Decimal	5153633
CIELab	60.50, -40.50, 26.62
CIELCh	60, 48.465, 146.677
Yxy	28.6772, 0.2922, 0.4556
Android (android.graphics.Color)	4283343713 (0xFF4EA361)
YUV	130.0610, -16.2991, -45.6575
Hunter-Lab	53.5511, -32.3931, 19.9096

Details

The Hex color **4EA361** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A34E90**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **85DB94**, and **0E6E31** is the 20% darker color. If you saturate the color by 10%, you get **3EA354**, and if you desaturate by 10%, it is **5EA36E**.

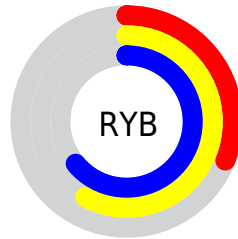
Distribution



Red (31%)

Green (64%)

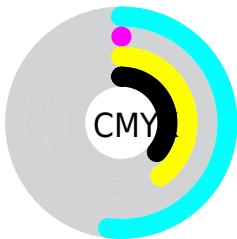
Blue (38%)



Red (31%)

Yellow (58%)

Blue (64%)

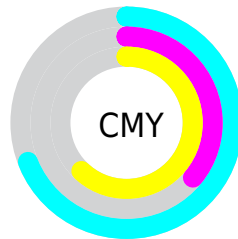


Cyan (52%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (69%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA361 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 4EA361 by changing the saturation by 10% instead.



4EA361



4EA361

FFFFFF



328849



85DB94



0E6E31



A1F7AF



00551B



BDFFCB



003D03



DAFFE7



002800



F7FFFF



000300



000000



4EA361



4EA361



3EA354



5EA36E

 2DA348

 6FA37A

 1DA33B

 7FA387

 0DA32E

 8FA394

 00A324

 A0A3A0

 B0A3AD

 C0A3BA

 D0A3C6

 E1A3D3

Harmonies

Analogous

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



849B42



4EA361



00A78C

Triad

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



4EA361



2998E7



E0706E

Complementary

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



4EA361



A34E90

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.



DD6D98



4EA361



8C89DE

Square

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



4EA361



00A2D8



C278C1



CF7E4B

Rectangle

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



4EA361



00A7A9



C278C1



E26E7C

Sweetspot

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



4EA361



B2D4B9



91A34E



576B5B



EBEBEB



6B6B6B

Same Dimension

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



4EA361



4ED46C



4EA38B



49524B



009120



001204

Inverse Universe

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



A34E90



D44EB6



A34E66



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color 4EA361 looks on a white background.

Color Contrast Check

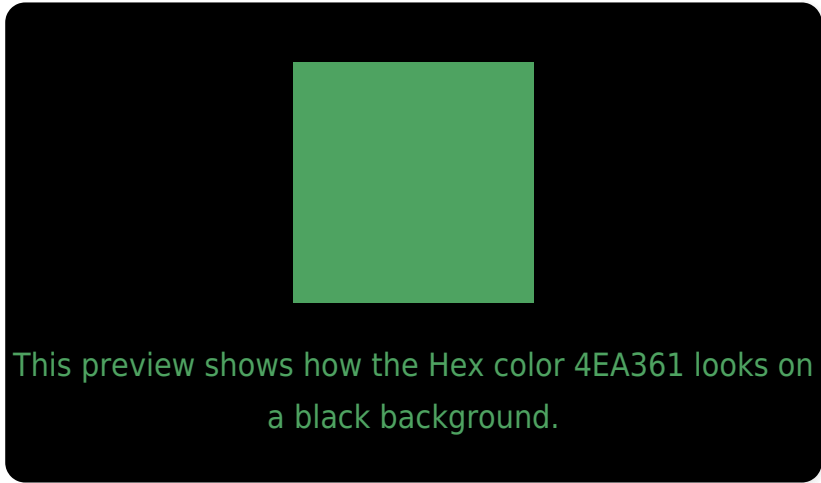
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4EA361 Background



This preview shows how black text looks on a background with the Hex color 4EA361.

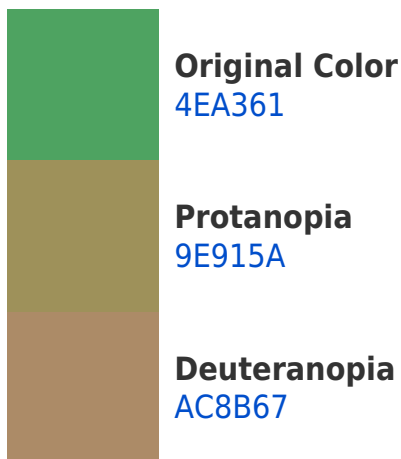


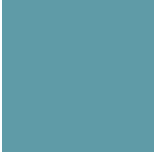
This preview shows how white text looks on a background with the Hex color 4EA361.

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](#).

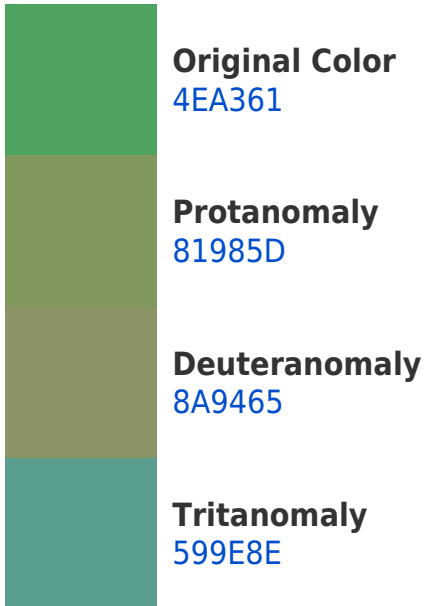
Dichromacy





Tritanopia
5F9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA361 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 #4EA361 looks like.

```
.text, #text, p{  
    color:#4EA361  
}
```

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 #4EA361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA361
}
```

Border

The CSS property to change the border of an element to Hex 4EA361 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
#4EA361 }
```

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

```
.border{ border-color:#4EA361 }
```

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

Here you see how a box with a 4 pixel #4EA361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA361; -webkit-box-shadow:4px 4px  
4px 4px #4EA361; box-shadow:4px 4px 4px  
4px #4EA361 }
```

Background

The CSS property to change the background color of an element to Hex 4EA361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA361 }
```

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

```
.background{ background-color:#4EA361 }
```

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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