

Converting Colors

Hex(4A7361)

Have a look what the booklet for
Hex(4A7361) contains.

Hex(4A7361)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A7361)

Conversions

Conversions Part 1

Format	Color
Hex	4A7361
RGB	74, 115, 97
RGB Percent	29%, 45%, 38%
CMY	0.7098, 0.5490, 0.6196
CMYK	0.36, 0.00, 0.16, 0.55
HSL	154°, 22%, 37%
HSV	154°, 36%, 45%
XYZ	11.1124, 14.5804, 13.5379
YIQ	100.6890, -18.6580, -14.2900

Conversions

Conversions Part 2

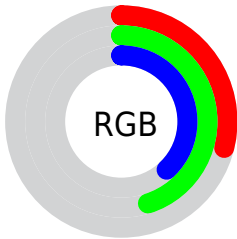
Format	Color
R_{YB}	74, 100, 115
Decimal	4879201
CIE _{Lab}	45.05, -18.67, 5.44
CIE _{LCh}	45, 19.451, 163.749
Yxy	14.5804, 0.2833, 0.3717
Android (android.graphics.Color)	4283069281 (0xFF4A7361)
YUV	100.6890, -1.8187, -23.4063
Hunter-Lab	38.1843, -14.8751, 5.7083

Details

The Hex color **4A7361** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734A5C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7CA794**, and **1A4333** is the 20% darker color. If you saturate the color by 10%, you get **3F735C**, and if you desaturate by 10%, it is **567366**.

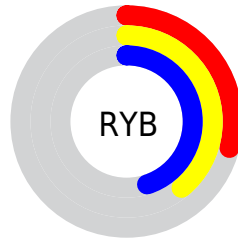
Distribution



Red (29%)

Green (45%)

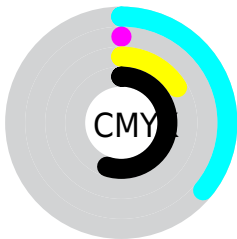
Blue (38%)



Red (29%)

Yellow (39%)

Blue (45%)

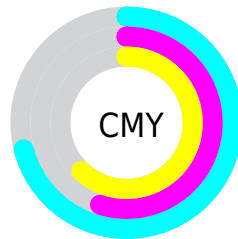


Cyan (36%)

Magenta (0%)

Yellow (16%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7361 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 4A7361 by changing the saturation by 10% instead.



4A7361



4A7361

FFFFFF



325A49



7CA794



1A4333



97C2AE



022C1E



B2DECA



001904



CDFBE6



000000



EAEFFF



4A7361



4A7361



3F735C



567366



337357



61736B

■ 287352

■ 6D7370

■ 1C734D

■ 787375

■ 117348

■ 84737A

■ 057343

■ 8F737F

■ 007341

■ 9B7384

■ A67389

■ B2738E

Harmonies

Analogous

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



5C7053



4A7361



3C7472

Triad

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



4A7361



616A8A



896255

Complementary

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



4A7361



734A5C

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.



8B5F64



4A7361



766482

Square

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



4A7361



4A6F89



856074



7E674C

Rectangle

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



4A7361



39737C



856074



8A6059

Sweetspot

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



4A7361



86968F



5C734A



434D48



CCCCCC



4D4D4D

Same Dimension

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



4A7361



56967A



4A7173



353B38



007A45



00FA8C

Inverse Universe

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



734A5C



965672



734C4A



3B3537



7A0036



FA006E

Previews

White Background



This preview shows how the Hex color 4A7361 looks on a white background.

Color Contrast Check

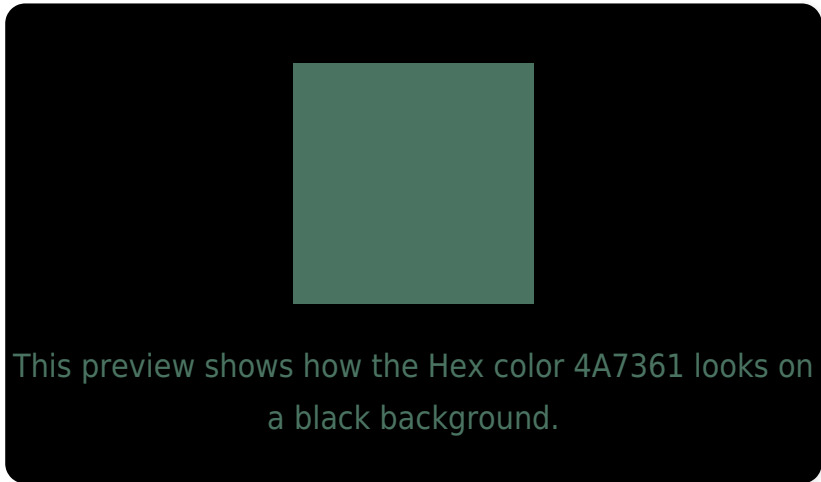
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

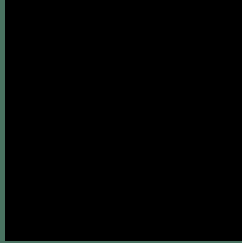
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4A7361 Background



This preview shows how black text looks on a background with the Hex color 4A7361.



This preview shows how white text looks on a background with the Hex color 4A7361.

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
4A7361

Protanopia
6F6A5C

Deuteranopia
776764



Tritanopia
4F7079

Trichromacy



Original Color
4A7361

Protanomaly
626D5E

Deuteranomaly
676B63

Tritanomaly
4D7170

Monochromacy



Original Color
4A7361

Achromatopsia
656565

Achromatomaly
5B6A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7361 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 #4A7361 looks like.

```
.text, #text, p{  
    color:#4A7361  
}
```

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 #4A7361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7361
}
```

Border

The CSS property to change the border of an element to Hex 4A7361 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
#4A7361 }
```

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

```
.border{ border-color:#4A7361 }
```

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

Here you see how a box with a 4 pixel #4A7361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7361; -webkit-box-shadow:4px 4px  
4px 4px #4A7361; box-shadow:4px 4px 4px  
4px #4A7361 }
```

Background

The CSS property to change the background color of an element to Hex 4A7361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7361 }
```

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

```
.background{ background-color:#4A7361 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor