

Converting Colors

Hex(4A6441)

Have a look what the booklet for
Hex(4A6441) contains.

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Color

Hex(4A6441)

Conversions

Conversions Part 1

Format	Color
Hex	4A6441
RGB	74, 100, 65
RGB Percent	29%, 39%, 25%
CMY	0.7098, 0.6078, 0.7451
CMYK	0.26, 0.00, 0.35, 0.61
HSL	105°, 21%, 32%
HSV	105°, 35%, 39%
XYZ	8.3353, 10.9518, 6.6756
YIQ	88.2360, -4.2610, -16.3970

Conversions

Conversions Part 2

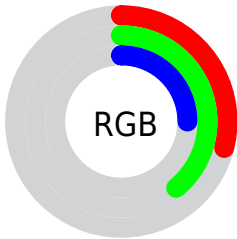
Format	Color
RYB	65, 100, 91
Decimal	4875329
CIELab	39.50, -17.08, 16.83
CIElCh	39, 23.974, 135.428
Yxy	10.9518, 0.3210, 0.4218
Android (android.graphics.Color)	4283065409 (0xFF4A6441)
YUV	88.2360, -11.4553, -12.4850
Hunter-Lab	33.0936, -12.9546, 11.2055

Details

The Hex color **4A6441** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B4164**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7B9771**, and **1C3516** is the 20% darker color. If you saturate the color by 10%, you get **436437**, and if you desaturate by 10%, it is **51644B**.

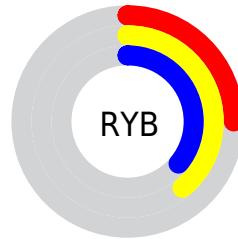
Distribution



Red (29%)

Green (39%)

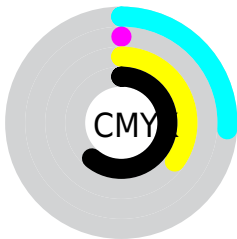
Blue (25%)



Red (25%)

Yellow (39%)

Blue (36%)

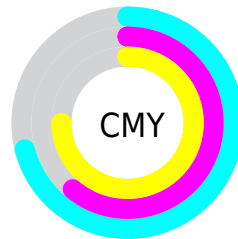


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6441 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 4A6441 by changing the saturation by 10% instead.

 4A6441

 4A6441

FFFFFF

 334C2B

 7B9771

 1C3516

 96B28B

 082000

 B0CDA5

 000000

 CCEAC0

 E8FFDC

 FFFFF9

 4A6441

 4A6441

 436437

 51644B

 3B642D

 596455

 346423

 60645F

 2C6419

 686469

 25640F

 6F6473

 1D6405

 77647D

 1A6400

 7E6487

 856491

 8D649B

Harmonies

Analogous

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



605F37



4A6441



316753

Triad

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



4A6441



306282



834E54

Complementary

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



4A6441



5B4164

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.



7D4F67



4A6441



515B83

Square

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



4A6441



106678



6C5479



7F5242

Rectangle

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



4A6441



1F6860



6C5479



824E5A

Sweetspot

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



4A6441



778274



645B41



3C423A



C2C2C2



424242

Same Dimension

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



4A6441



59824B



416449



2F332E



1E7300



3EF200

Inverse Universe

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



5B4164



744B82



64415C



322E33



550073



B400F2

Previews

White Background



This preview shows how the Hex color 4A6441 looks on a white background.

Color Contrast Check

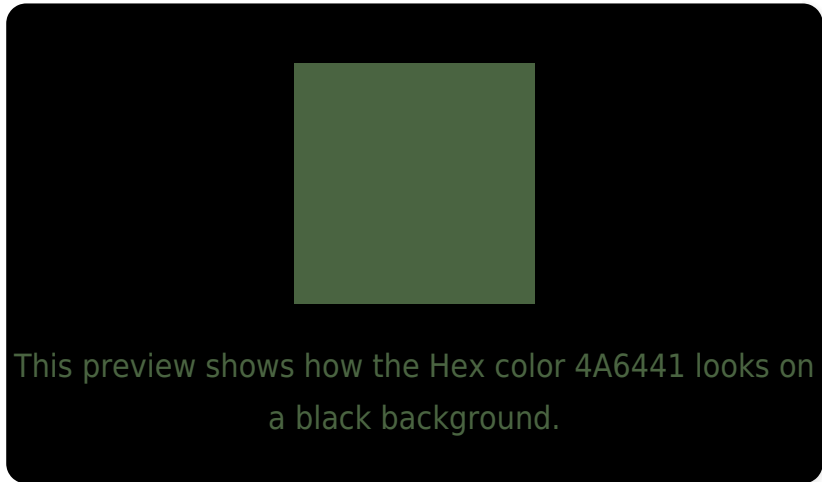
Large Text (above 18pt) WCAG AA ✓ Pass

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

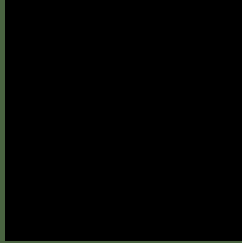
Any Text WCAG AA × Fail

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 4A6441 Background



This preview shows how black text looks on a background with the Hex color 4A6441.



This preview shows how white text looks on a background with the Hex color 4A6441.

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
4A6441

Protanopia
655D3E

Deuteranopia
6E5943



Tritanopia
505F67

Trichromacy



Original Color
4A6441

Protanomaly
5B603F

Deuteranomaly
615D42

Tritanomaly
4E6159

Monochromacy



Original Color
4A6441

Achromatopsia
585858

Achromatomaly
535C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6441 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 #4A6441 looks like.

```
.text, #text, p{  
    color:#4A6441  
}
```

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 #4A6441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6441
}
```

Border

The CSS property to change the border of an element to Hex 4A6441 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
#4A6441 }
```

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

```
.border{ border-color:#4A6441 }
```

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

Here you see how a box with a 4 pixel #4A6441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6441; -webkit-box-shadow:4px 4px  
4px 4px #4A6441; box-shadow:4px 4px 4px  
4px #4A6441 }
```

Background

The CSS property to change the background color of an element to Hex 4A6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6441 }
```

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

```
.background{ background-color:#4A6441 }
```

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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