

Converting Colors

Hex(516442)

Have a look what the booklet for
Hex(516442) contains.

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Color

Hex(516442)

Conversions

Conversions Part 1

Format	Color
Hex	516442
RGB	81, 100, 66
RGB Percent	32%, 39%, 26%
CMY	0.6824, 0.6078, 0.7412
CMYK	0.19, 0.00, 0.34, 0.61
HSL	94°, 20%, 33%
HSV	94°, 34%, 39%
XYZ	8.9339, 11.2570, 6.8562
YIQ	90.4430, -0.4100, -14.6020

Conversions

Conversions Part 2

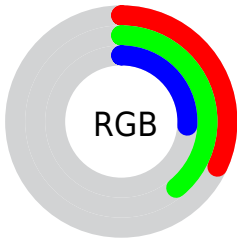
Format	Color
RYB	66, 100, 85
Decimal	5334082
CIELab	40.01, -14.09, 17.00
CIELCh	40, 22.078, 129.642
Yxy	11.2570, 0.3303, 0.4162
Android (android.graphics.Color)	4283524162 (0xFF516442)
YUV	90.4430, -12.0504, -8.2815
Hunter-Lab	33.5515, -11.1852, 11.3702

Details

The Hex color **516442** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **554264**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **839772**, and **233516** is the 20% darker color. If you saturate the color by 10%, you get **4B6438**, and if you desaturate by 10%, it is **57644C**.

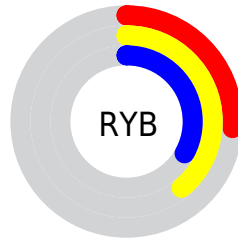
Distribution



Red (32%)

Green (39%)

Blue (26%)



Red (26%)

Yellow (39%)

Blue (33%)

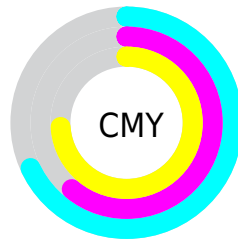


Cyan (19%)

Magenta (0%)

Yellow (34%)

Black (61%)



Cyan (68%)


Magenta (61%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516442 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 516442 by changing the saturation by 10% instead.

 516442

 516442

FFFFFF

 3A4C2C

 839772

 233516

 9DB28C

 112000


 B8CDA6

 000000

 D4E9C2

 F0FFDD

 FFFFFA

 516442

 516442

 4B6438

 57644C

■ 46642E

■ 5C6456

■ 406424

■ 626460

■ 3B641A

■ 67646A

■ 356410

■ 6D6474

■ 2F6406

■ 73647E

■ 2C6400

■ 786488

■ 7E6492

■ 83649C

Harmonies

Analogous

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



655F3A



516442



3B6751

Triad

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



516442



326480



825159

Complementary

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



516442



554264

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.



7A526B



516442



4F5E82

Square

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



516442



1F6775



68587A



805348

Rectangle

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



516442



2D685D



68587A



80515F

Sweetspot

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



516442



7B8275



645542



3E423A



C2C2C2



424242

Same Dimension

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



516442



64824D



426444



30332E



337300



6BF200

Inverse Universe

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



554264



6B4D82



644262



312E33



400073



8700F2

Previews

White Background



This preview shows how the Hex color 516442 looks on a white background.

Color Contrast Check

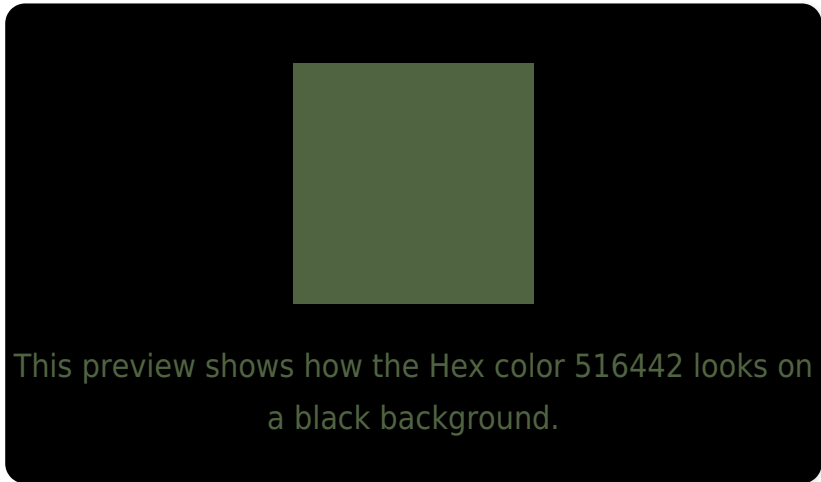
Large Text (above 18pt) WCAG AA ✓ Pass

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

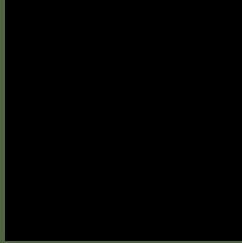
Any Text WCAG AA × Fail

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 516442 Background



This preview shows how black text looks on a background with the Hex color 516442.



This preview shows how white text looks on a background with the Hex color 516442.

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
516442

Protanopia
665E40

Deuteranopia
6F5A44



Tritanopia
575F67

Trichromacy



Original Color
516442

Protanomaly
5E6041

Deuteranomaly
645E43

Tritanomaly
55615A

Monochromacy



Original Color
516442

Achromatopsia
5A5A5A

Achromatomaly
575E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 516442 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 #516442 looks like.

```
.text, #text, p{  
    color:#516442  
}
```

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 #516442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516442
}
```

Border

The CSS property to change the border of an element to Hex 516442 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".

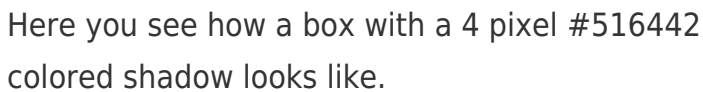
```
.border, #border, table{ border:4px solid
#516442 }
```

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

```
.border{ border-color:#516442 }
```

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

Here you see how a box with a 4 pixel #516442 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516442; -webkit-box-shadow:4px 4px  
4px 4px #516442; box-shadow:4px 4px 4px  
4px #516442 }
```

Background

The CSS property to change the background color of an element to Hex 516442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516442 }
```

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

```
.background{ background-color:#516442 }
```

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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