

Converting Colors

Hex(566A4A)

Have a look what the booklet for
Hex(566A4A) contains.

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Color

Hex(566A4A)

Conversions

Conversions Part 1

Format	Color
Hex	566A4A
RGB	86, 106, 74
RGB Percent	34%, 42%, 29%
CMY	0.6627, 0.5843, 0.7098
CMYK	0.19, 0.00, 0.30, 0.58
HSL	98°, 18%, 35%
HSV	98°, 30%, 42%
XYZ	10.2278, 12.7809, 8.4065
YIQ	96.3720, -1.6480, -14.1920

Conversions

Conversions Part 2

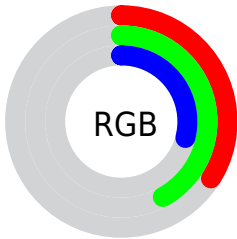
Format	Color
RYB	74, 106, 94
Decimal	5663306
CIELab	42.43, -14.04, 15.58
CIElCh	42, 20.972, 132.016
Yxy	12.7809, 0.3256, 0.4068
Android (android.graphics.Color)	4283853386 (0xFF566A4A)
YUV	96.3720, -11.0294, -9.0962
Hunter-Lab	35.7504, -11.4962, 11.0836

Details

The Hex color **566A4A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5E4A6A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **889D7B**, and **283B1E** is the 20% darker color. If you saturate the color by 10%, you get **4F6A3F**, and if you desaturate by 10%, it is **5D6A55**.

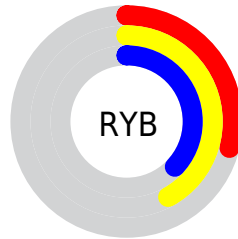
Distribution



 Red (34%)

 Green (42%)

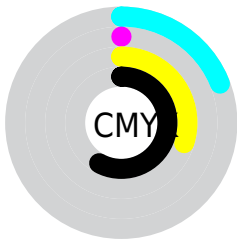
 Blue (29%)




 Red (29%)

 Yellow (42%)

 Blue (37%)

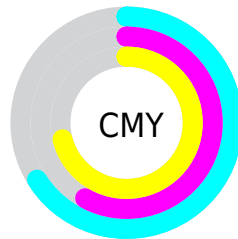


 Cyan (19%)


 Magenta (0%)

 Yellow (30%)

 Black (58%)



 Cyan (66%)

 Magenta (58%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566A4A 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 566A4A by changing the saturation by 10% instead.



566A4A



566A4A

FFFFFF



3E5233



889D7B



283B1E



A3B895



142506



BED4AF



001000



DAF0CB



000000



F6FFE7



566A4A



566A4A



4F6A3F



5D6A55



496A35



636A5F

■ 426A2A

■ 6A6A6A

■ 3B6A20

■ 716A74

■ 356A15

■ 776A7F

■ 2E6A0A

■ 7E6A8A

■ 286A00

■ 846A94

■ 8B6A9F

■ 926AA9

Harmonies

Analogous

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



696542



566A4A



426D59

Triad

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



566A4A



3E6985



87575E

Complementary

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



566A4A



5E4A6A

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.



80596F



566A4A



586386

Square

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



566A4A



2D6C7B



6F5D7E



845A4E

Rectangle

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



566A4A



356E65



6F5D7E



855764

Sweetspot

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



566A4A



828A7D



6A5E4A



40453D



C4C4C4



454545

Same Dimension

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



566A4A



6B8A58



4A6A4E



323630



2C7500



5CF500

Inverse Universe

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



5E4A6A



77588A



6A4A66



343036



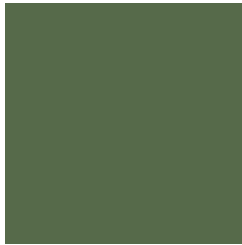
490075



9900F5

Previews

White Background



This preview shows how the Hex color 566A4A looks on a white background.

Color Contrast Check

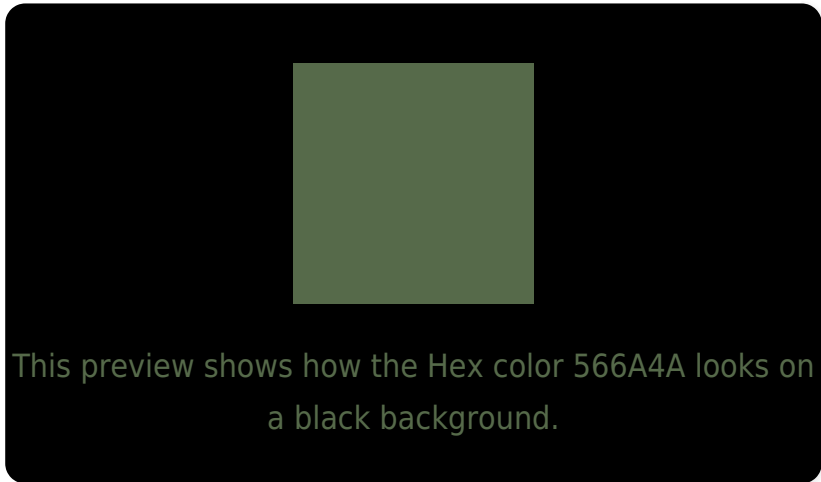
Large Text (above 18pt) WCAG AA ✓ Pass

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

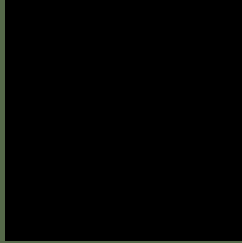
Any Text WCAG AA × Fail

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 566A4A Background



This preview shows how black text looks on a background with the Hex color 566A4A.



This preview shows how white text looks on a background with the Hex color 566A4A.

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](#).

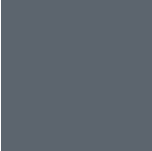
Dichromacy



Original Color
566A4A

Protanopia
6C6447

Deuteranopia
75604C



Tritanopia
5C656E

Trichromacy



Original Color

566A4A

Protanomaly

646648

Deuteranomaly

6A644B

Tritanomaly

5A6761

Monochromacy



Original Color

566A4A

Achromatopsia

606060

Achromatomaly

5C6458

CSS Examples

Text

The CSS property to change the color of the text to Hex 566A4A 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 #566A4A looks like.

```
.text, #text, p{  
    color:#566A4A  
}
```

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 #566A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566A4A
}
```

Border

The CSS property to change the border of an element to Hex 566A4A 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
#566A4A }
```

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

```
.border{ border-color:#566A4A }
```

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

Here you see how a box with a 4 pixel #566A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566A4A; -webkit-box-shadow:4px 4px  
4px 4px #566A4A; box-shadow:4px 4px 4px  
4px #566A4A }
```

Background

The CSS property to change the background color of an element to Hex 566A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566A4A }
```

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

```
.background{ background-color:#566A4A }
```

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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