

Converting Colors

Hex(566A38)

Have a look what the booklet for
Hex(566A38) contains.

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Color

Hex(566A38)

Conversions

Conversions Part 1

Format	Color
Hex	566A38
RGB	86, 106, 56
RGB Percent	34%, 42%, 22%
CMY	0.6627, 0.5843, 0.7804
CMYK	0.19, 0.00, 0.47, 0.58
HSL	84°, 31%, 32%
HSV	84°, 47%, 42%
XYZ	9.7056, 12.5720, 5.6565
YIQ	94.3200, 4.1300, -19.7900

Conversions

Conversions Part 2

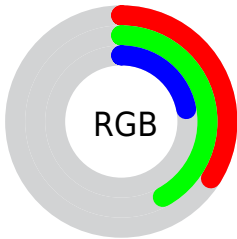
Format	Color
RYB	56, 106, 76
Decimal	5663288
CIELab	42.11, -16.78, 25.57
CIElCh	42, 30.578, 123.273
Yxy	12.5720, 0.3474, 0.4501
Android (android.graphics.Color)	4283853368 (0xFF566A38)
YUV	94.3200, -18.8918, -7.2966
Hunter-Lab	35.4571, -13.1894, 15.3614

Details

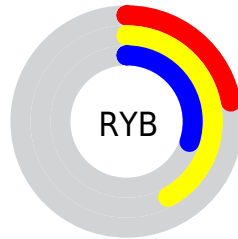
The Hex color **566A38** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4C386A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **899D68**, and **273B0B** is the 20% darker color. If you saturate the color by 10%, you get **526A2D**, and if you desaturate by 10%, it is **5A6A43**.

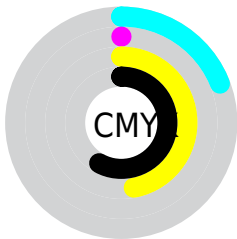
Distribution



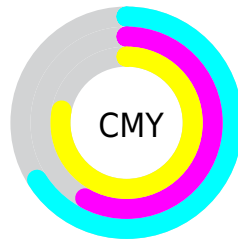
- Red (34%)
- Green (42%)
- Blue (22%)



- Red (22%)
- Yellow (42%)
- Blue (30%)



- Cyan (19%)
- Magenta (0%)
- Yellow (47%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566A38 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 566A38 by changing the saturation by 10% instead.



566A38



566A38

FFFFFF



3E5221



899D68



273B0B



A3B881



122500



BFD49C



000E00



DBF0B7



000000



F8FFD2



FFFFEF



566A38



566A38



526A2D



5A6A43

■ 4E6A23

■ 5E6A4D

■ 496A18

■ 636A58

■ 456A0E

■ 676A62

■ 416A03

■ 6B6A6D

■ 406A00

■ 6F6A78

■ 746A82

■ 786A8D

■ 7C6A97

Harmonies

Analogous

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



706330



566A38



366F4C

Triad

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



566A38



006C90



924F62

Complementary

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



566A38



4C386A

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.



85537A



566A38



406595

Square

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



566A38



00707E



695C8E



925249

Rectangle

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



566A38



17705D



695C8E



8F4F6A

Sweetspot

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



566A38



828A76



6A4C38



404539



C4C4C4



454545

Same Dimension

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



566A38



6A8A3B



3D6A38



333630



467500



93F500

Inverse Universe

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



4C386A



5B3B8A



65386A



323036



2F0075



6200F5

Previews

White Background



This preview shows how the Hex color 566A38 looks on a white background.

Color Contrast Check

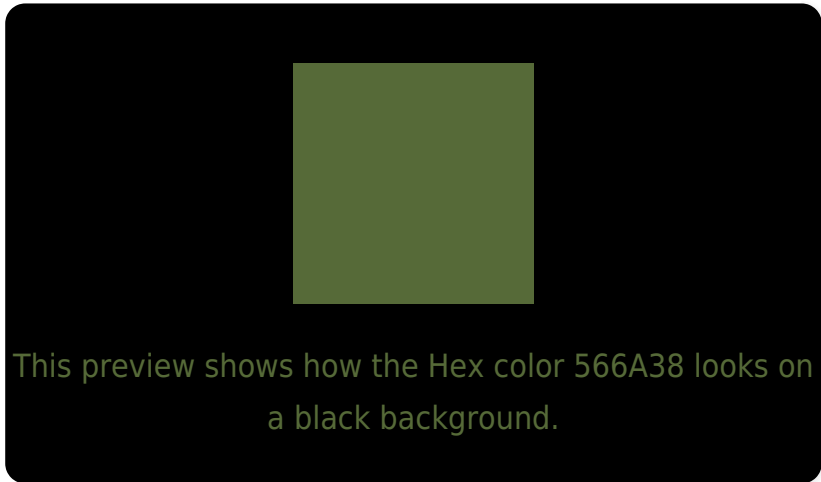
Large Text (above 18pt) WCAG AA ✓ Pass

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

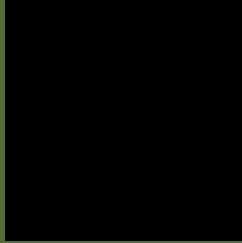
Any Text WCAG AA × Fail

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 566A38 Background



This preview shows how black text looks on a background with the Hex color 566A38.



This preview shows how white text looks on a background with the Hex color 566A38.

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](#).

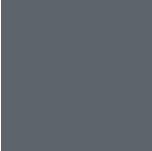
Dichromacy



Original Color
566A38

Protanopia
6D6336

Deuteranopia
785F3B



Tritanopia
5D646C

Trichromacy



Original Color
566A38

Protanomaly
656637

Deuteranomaly
6C633A

Tritanomaly
5A6659

Monochromacy



Original Color
566A38

Achromatopsia
5E5E5E

Achromatomaly
5B6250

CSS Examples

Text

The CSS property to change the color of the text to Hex 566A38 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 #566A38 looks like.

```
.text, #text, p{  
    color:#566A38  
}
```

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 #566A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566A38
}
```

Border

The CSS property to change the border of an element to Hex 566A38 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
#566A38 }
```

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

```
.border{ border-color:#566A38 }
```

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

Here you see how a box with a 4 pixel #566A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566A38; -webkit-box-shadow:4px 4px  
4px 4px #566A38; box-shadow:4px 4px 4px  
4px #566A38 }
```

Background

The CSS property to change the background color of an element to Hex 566A38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566A38 }
```

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

```
.background{ background-color:#566A38 }
```

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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