

Converting Colors

Hex(566727)

Have a look what the booklet for
Hex(566727) contains.

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Color

Hex(566727)

Conversions

Conversions Part 1

Format	Color
Hex	566727
RGB	86, 103, 39
RGB Percent	34%, 40%, 15%
CMY	0.6627, 0.5961, 0.8471
CMYK	0.17, 0.00, 0.62, 0.60
HSL	76°, 45%, 28%
HSV	76°, 62%, 40%
XYZ	9.0542, 11.8254, 3.7248
YIQ	90.6210, 10.4120, -23.5080

Conversions

Conversions Part 2

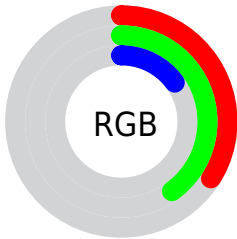
Format	Color
R_{YB}	39, 103, 56
Decimal	5662503
CIE _{Lab}	40.94, -17.07, 33.24
CIE _{LCh}	41, 37.368, 117.175
Yxy	11.8254, 0.3680, 0.4806
Android (android.graphics.Color)	4283852583 (0xFF566727)
YUV	90.6210, -25.4492, -4.0526
Hunter-Lab	34.3881, -13.1810, 17.6496

Details

The Hex color **566727** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **382767**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **899A57**, and **273800** is the 20% darker color. If you saturate the color by 10%, you get **53671D**, and if you desaturate by 10%, it is **596731**.

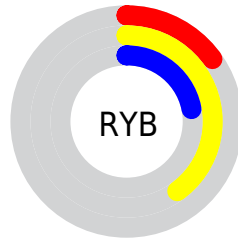
Distribution



Red (34%)

Green (40%)

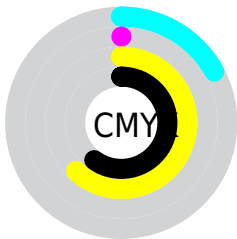
Blue (15%)



Red (15%)

Yellow (40%)

Blue (22%)

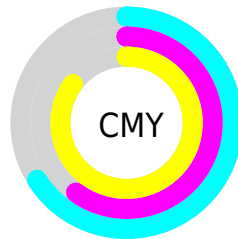


Cyan (17%)

Magenta (0%)

Yellow (62%)

Black (60%)



Cyan (66%)

Magenta (60%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566727 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 566727 by changing the saturation by 10% instead.

■ 566727

■ 566727

FFFFFF

■ 3E4F0F

■ 899A57

■ 273800

■ A4B570

■ 0E2200

■ C0D08A

■ 000600

■ DCEDA5

■ 000000

■ F9FFC0

■ FFFFDC

■ FFFFF9

■ 566727

■ 566727

■ 53671D

■ 596731

■ 516712

■ 5B673C

■ 4E6708

■ 5E6746

■ 4C6700

■ 616750

■ 64675B

■ 666765

■ 69676F

■ 6C6779

■ 6F6784

Harmonies

Analogous

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



745E20



566727



2E6D3E

Triad

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



566727



006C93



974665

Complementary

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



566727



382767

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.



834D82



566727



11659E

Square

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



566727



006F7C



5D5A97



984846

Rectangle

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



566727



006F52



5D5A97



92476F

Sweetspot

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



566727



80876D



673727



414535



C4C4C4



454545

Same Dimension

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



566727



6C8722



376727



32332E



547300



B2F200

Inverse Universe

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



382767



3D2287



572767



2F2E33



1E0073



4000F2

Previews

White Background



This preview shows how the Hex color 566727 looks on a white background.

Color Contrast Check

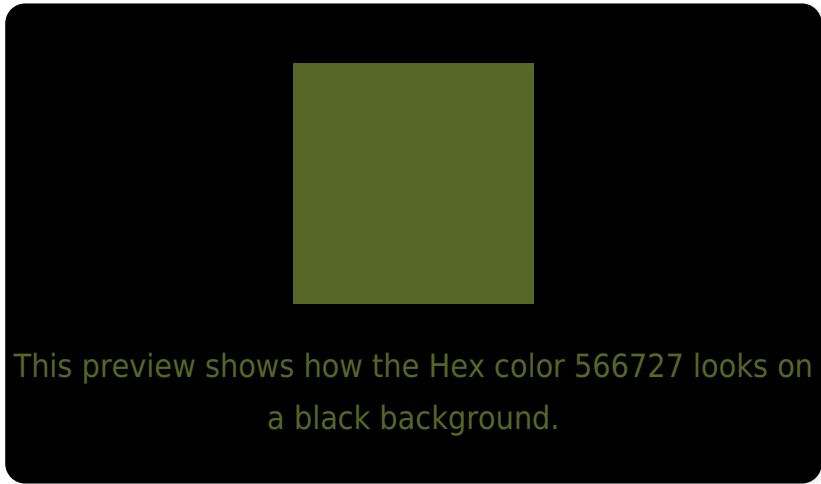
Large Text (above 18pt) WCAG AA ✓ Pass

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

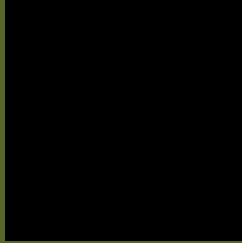
Any Text WCAG AA × Fail

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 566727 Background



This preview shows how black text looks on a background with the Hex color 566727.



This preview shows how white text looks on a background with the Hex color 566727.

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
566727

Protanopia
6C6125

Deuteranopia
775C2A



Tritanopia
5D6068

Trichromacy



Original Color
566727

Protanomaly
646326

Deuteranomaly
6B6029

Tritanomaly
5A6350

Monochromacy



Original Color
566727

Achromatopsia
5B5B5B

Achromatomaly
595F48

CSS Examples

Text

The CSS property to change the color of the text to Hex 566727 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 #566727 looks like.

```
.text, #text, p{  
    color:#566727  
}
```

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 #566727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566727
}
```

Border

The CSS property to change the border of an element to Hex 566727 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
#566727 }
```

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

```
.border{ border-color:#566727 }
```

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

Here you see how a box with a 4 pixel #566727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566727; -webkit-box-shadow:4px 4px  
4px 4px #566727; box-shadow:4px 4px 4px  
4px #566727 }
```

Background

The CSS property to change the background color of an element to Hex 566727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566727 }
```

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

```
.background{ background-color:#566727 }
```

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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