

Converting Colors

Hex(566551)

Have a look what the booklet for
Hex(566551) contains.

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Color

Hex(566551)

Conversions

Conversions Part 1

Format	Color
Hex	566551
RGB	86, 101, 81
RGB Percent	34%, 40%, 32%
CMY	0.6627, 0.6039, 0.6824
CMYK	0.15, 0.00, 0.20, 0.60
HSL	105°, 11%, 36%
HSV	105°, 20%, 40%
XYZ	9.9766, 11.8799, 9.5518
YIQ	94.2350, -2.5200, -9.4000

Conversions

Conversions Part 2

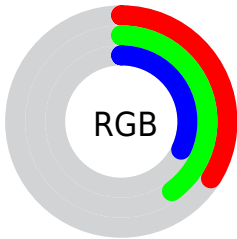
Format	Color
R_{YB}	81, 101, 96
Decimal	5662033
CIE Lab	41.02, -9.94, 9.45
CIE LCh	41, 13.714, 136.433
Yxy	11.8799, 0.3176, 0.3782
Android (android.graphics.Color)	4283852113 (0xFF566551)
YUV	94.2350, -6.5249, -7.2221
Hunter-Lab	34.4672, -8.6502, 7.6962

Details

The Hex color **566551** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **605165**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **889882**, and **283624** is the 20% darker color. If you saturate the color by 10%, you get **4E6547**, and if you desaturate by 10%, it is **5E655B**.

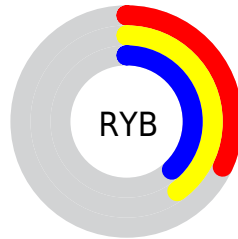
Distribution



Red (34%)

Green (40%)

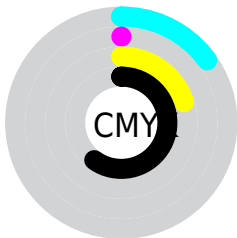
Blue (32%)



Red (32%)

Yellow (40%)

Blue (38%)

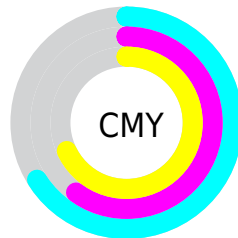


Cyan (15%)

Magenta (0%)

Yellow (20%)

Black (60%)



Cyan (66%)

Magenta (60%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566551 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 566551 by changing the saturation by 10% instead.



566551



566551

FFFFFF



3F4D3A



889882



283624



A2B39C



142110



BDCEB7



000700



D9EAD3



000000



F6FFEF



566551



566551



4E6547



5E655B



47653D



656565

■ 3F6533

■ 6D656F

■ 386529

■ 746579

■ 30651E

■ 7C6584

■ 296514

■ 83658E

■ 21650A

■ 8B6598

■ 196500

■ 9365A2

■ 9A65AC

Harmonies

Analogous

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



63624B



566551



4A675B

Triad

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



566551



4D6376



78595B

Complementary

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



566551



605165

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.



745966



566551



5C6076

Square

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



566551



436671



6A5C70



765B51

Rectangle

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



566551



446763



6A5C70



77595F

Sweetspot

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



566551



7C827A



656051



3F423E



C2C2C2



424242

Same Dimension

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



566551



6B8263



516556



2F332E



1D7300



3DF200

Inverse Universe

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



605165



7A6382



655160



322E33



560073



B600F2

Previews

White Background



This preview shows how the Hex color 566551 looks on a white background.

Color Contrast Check

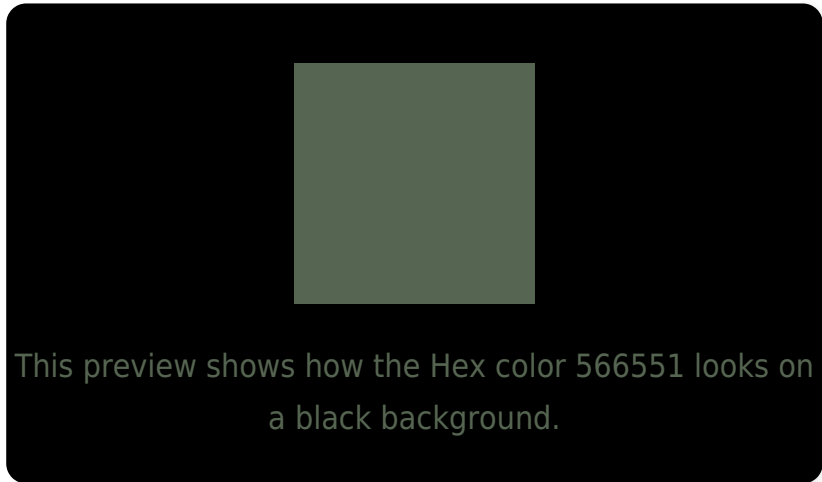
Large Text (above 18pt) WCAG AA ✓ Pass

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

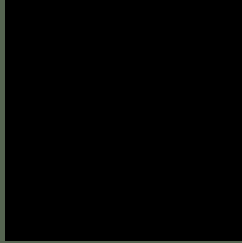
Any Text WCAG AA × Fail

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 566551 Background



This preview shows how black text looks on a background with the Hex color 566551.

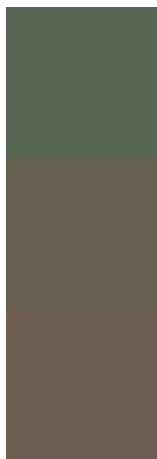


This preview shows how white text looks on a background with the Hex color 566551.

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
566551

Protanopia
66604F

Deuteranopia
6F5D53



Tritanopia
5A6269

Trichromacy



Original Color
566551

Protanomaly
606250

Deuteranomaly
666052

Tritanomaly
596360

Monochromacy



Original Color
566551

Achromatopsia
5E5E5E

Achromatomaly
5B6159

CSS Examples

Text

The CSS property to change the color of the text to Hex 566551 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 #566551 looks like.

```
.text, #text, p{  
    color:#566551  
}
```

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 #566551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566551
}
```

Border

The CSS property to change the border of an element to Hex 566551 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
#566551 }
```

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

```
.border{ border-color:#566551 }
```

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

Here you see how a box with a 4 pixel #566551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566551; -webkit-box-shadow:4px 4px  
4px 4px #566551; box-shadow:4px 4px 4px  
4px #566551 }
```

Background

The CSS property to change the background color of an element to Hex 566551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566551 }
```

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

```
.background{ background-color:#566551 }
```

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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