

Converting Colors

Hex(566355)

Have a look what the booklet for
Hex(566355) contains.

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Color

Hex(566355)

Conversions

Conversions Part 1

Format	Color
Hex	566355
RGB	86, 99, 85
RGB Percent	34%, 39%, 33%
CMY	0.6627, 0.6118, 0.6667
CMYK	0.13, 0.00, 0.14, 0.61
HSL	116°, 8%, 36%
HSV	116°, 14%, 39%
XYZ	9.9393, 11.5580, 10.3014
YIQ	93.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

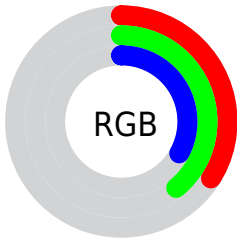
Format	Color
R_{YB}	85, 99, 98
Decimal	5661525
CIE Lab	40.50, -7.99, 6.29
CIE LCh	41, 10.169, 141.797
Yxy	11.5580, 0.3126, 0.3635
Android (android.graphics.Color)	4283851605 (0xFF566355)
YUV	93.5170, -4.1989, -6.5924
Hunter-Lab	33.9970, -7.3091, 5.8326

Details

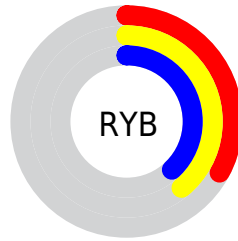
The Hex color **566355** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **625563**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **889687**, and **293428** is the 20% darker color. If you saturate the color by 10%, you get **4D634B**, and if you desaturate by 10%, it is **5F635F**.

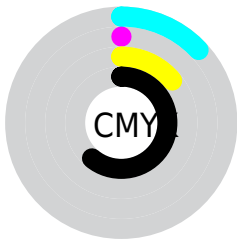
Distribution



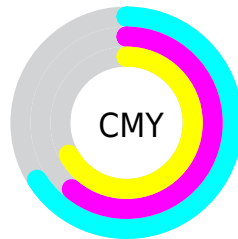
- Red (34%)
- Green (39%)
- Blue (33%)



- Red (33%)
- Yellow (39%)
- Blue (38%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (61%)



- Cyan (66%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566355 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 566355 by changing the saturation by 10% instead.



566355



566355

FFFFFF



3F4B3E



889687



293428



A2B0A1



141F14



BDCCBC



000300



D9E8D8



000000



F5FFF4



566355



566355



4D634B



5F635F



446341



686369

■ 3A6337

■ 726373

■ 31632D

■ 7B637D

■ 286324

■ 846387

■ 1F631A

■ 8D6390

■ 166310

■ 96639A

■ 0C6306

■ A063A4

■ 076300

■ A963AE

Harmonies

Analogous

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



606150



566355



4E645D

Triad

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



566355



546170



715A5A

Complementary

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



566355



625563

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.



6F5A62



566355



5E5E6F

Square

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



566355



4C636C



685C6A



6F5C53

Rectangle

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



566355



4B6463



685C6A



715A5C

Sweetspot

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



566355



7B807A



636255



3D403D



BFBFBF



404040

Same Dimension

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



566355



6B806A



55635B



2C302C



087000



11F000

Inverse Universe

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



625563



7E6A80



63555D



302C30



680070



DF00F0

Previews

White Background



This preview shows how the Hex color 566355 looks on a white background.

Color Contrast Check

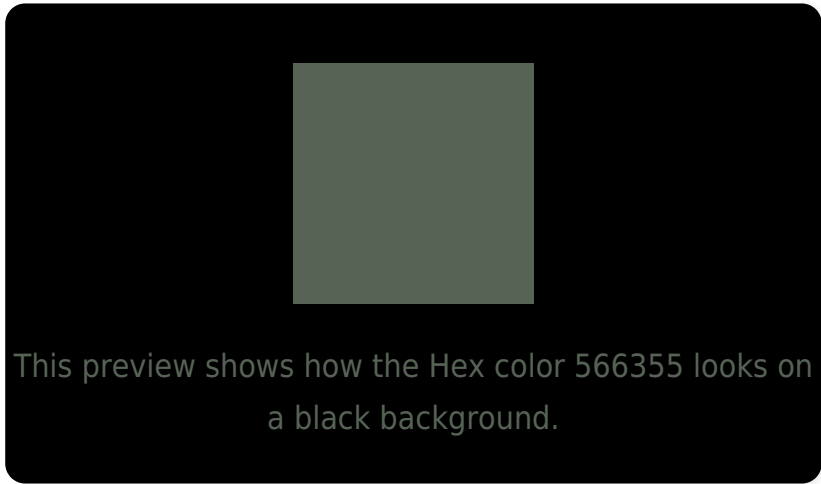
Large Text (above 18pt) WCAG AA ✓ Pass

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

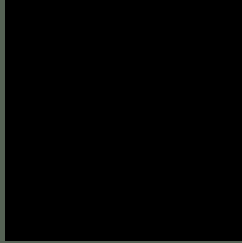
Any Text WCAG AA × Fail

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 566355 Background



This preview shows how black text looks on a background with the Hex color 566355.

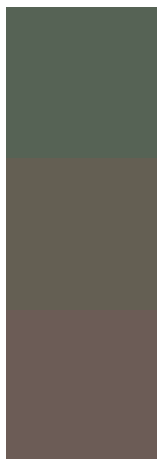


This preview shows how white text looks on a background with the Hex color 566355.

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
566355

Protanopia
645F53

Deuteranopia
6C5C56



Tritanopia
596068

Trichromacy



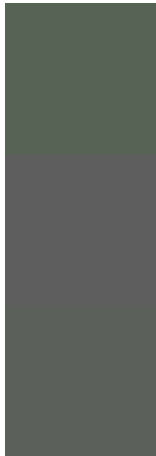
Original Color
566355

Protanomaly
5F6054

Deuteranomaly
645F56

Tritanomaly
586161

Monochromacy



Original Color
566355

Achromatopsia
5E5E5E

Achromatomaly
5B605B

CSS Examples

Text

The CSS property to change the color of the text to Hex 566355 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 #566355 looks like.

```
.text, #text, p{  
    color:#566355  
}
```

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 #566355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566355
}
```

Border

The CSS property to change the border of an element to Hex 566355 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
#566355 }
```

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

```
.border{ border-color:#566355 }
```

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

Here you see how a box with a 4 pixel #566355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566355; -webkit-box-shadow:4px 4px  
4px 4px #566355; box-shadow:4px 4px 4px  
4px #566355 }
```

Background

The CSS property to change the background color of an element to Hex 566355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566355 }
```

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

```
.background{ background-color:#566355 }
```

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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