

# Converting Colors

Hex(566657)

Have a look what the booklet for  
Hex(566657) contains.

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# Color

**Hex(566657)**

# Conversions

## Conversions Part 1

Format	Color
Hex	566657
RGB	86, 102, 87
RGB Percent	34%, 40%, 34%
CMY	0.6627, 0.6000, 0.6588
CMYK	0.16, 0.00, 0.15, 0.60
HSL	124°, 9%, 37%
HSV	124°, 16%, 40%
XYZ	10.3094, 12.1693, 10.8224
YIQ	95.5060, -4.7210, -8.0570

# Conversions

## Conversions Part 2

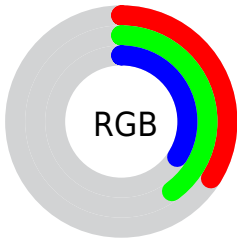
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 101, 102
Decimal	5662295
CIE <sub>Lab</sub>	41.48, -9.32, 6.47
CIE <sub>LCh</sub>	41, 11.346, 145.256
Yxy	12.1693, 0.3096, 0.3654
Android (android.graphics.Color)	4283852375 (0xFF566657)
YUV	95.5060, -4.1935, -8.3368
Hunter-Lab	34.8845, -8.2958, 6.0254

# Details

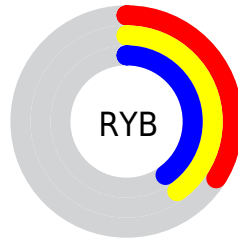
The Hex color **566657** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665665**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **889989**, and **29372A** is the 20% darker color. If you saturate the color by 10%, you get **4C664D**, and if you desaturate by 10%, it is **606661**.

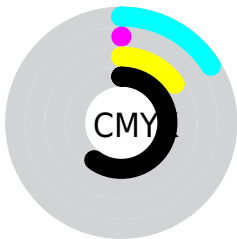
# Distribution



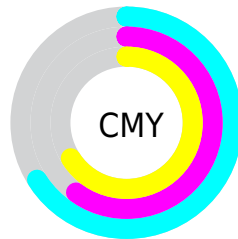
- Red (34%)
- Green (40%)
- Blue (34%)



- Red (34%)
- Yellow (40%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 566657 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 566657 by changing the saturation by 10% instead.





566657



566657

FFFFFF



3F4E40



889989



29372A



A2B4A3



142215



BDCFBE



000A00



D9ECDA



000000



F6FFF6



566657



566657



4C664D



606661



426644



6A666A

■ 37663A

■ 756674

■ 2D6631

■ 7F667D

■ 236627

■ 896687

■ 19661E

■ 936690

■ 0F6614

■ 9D669A

■ 04660A

■ A866A4

■ 006606

■ B266AD

# Harmonies

## Analogous

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



616451



566657



4D6760

# Triad

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



566657



566374



755C5A

# Complementary

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



566657



665665

# 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.



745B64



566657



626073

# Square

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



566657



4C6671



6D5D6D



725E53

# Rectangle

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



566657



4A6766



6D5D6D



755B5D



# Sweetspot

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



566657



7E857E



656656



3E423F



C2C2C2



424242



# Same Dimension

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



566657



6B856D



56665F



2E332E



007307



00F20F



# Inverse Universe

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



665665



856B83



66565D



332E33



73006C

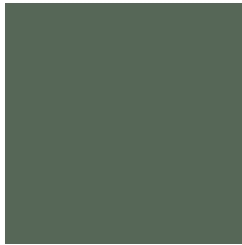


F200E3



# Previews

## White Background



This preview shows how the Hex color 566657 looks on a white background.

## Color Contrast Check

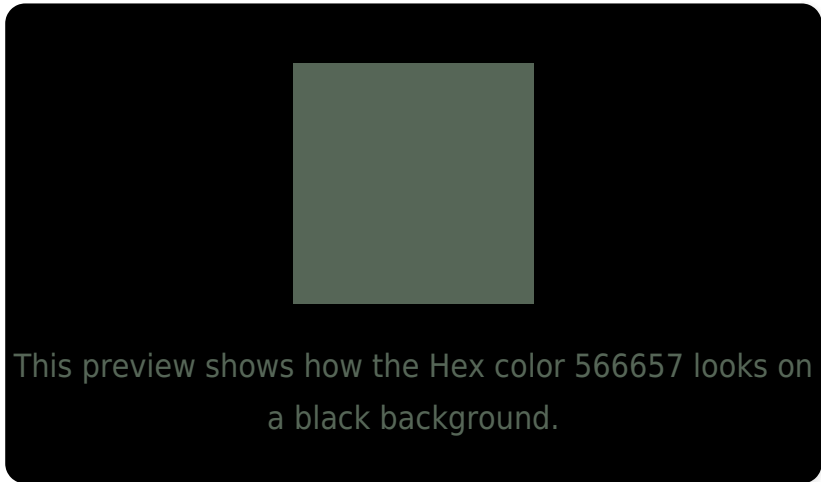
Large Text (above 18pt) WCAG AA ✓ Pass

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

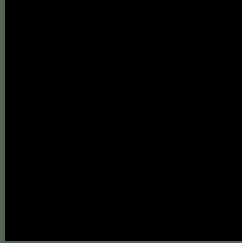
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 566657 Background



This preview shows how black text looks on a background with the Hex color 566657.



This preview shows how white text looks on a background with the Hex color 566657.

# 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**  
566657

**Protanopia**  
666155

**Deuteranopia**  
6E5E59



**Tritanopia**  
59636B

# Trichromacy



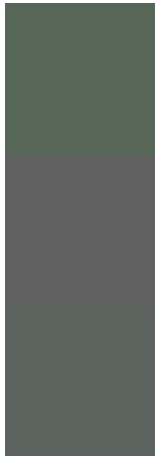
**Original Color**  
566657

**Protanomaly**  
606356

**Deuteranomaly**  
656158

**Tritanomaly**  
586464

# Monochromacy



**Original Color**  
566657

**Achromatopsia**  
606060

**Achromatomaly**  
5C625D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 566657 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 #566657 looks like.

```
.text, #text, p{  
    color:#566657  
}
```

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 #566657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566657
}
```

## Border

The CSS property to change the border of an element to Hex 566657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

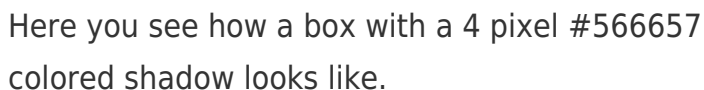
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#566657 }
```

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

```
.border{ border-color:#566657 }
```

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



Here you see how a box with a 4 pixel #566657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566657; -webkit-box-shadow:4px 4px  
4px 4px #566657; box-shadow:4px 4px 4px  
4px #566657 }
```

# Background

The CSS property to change the background color of an element to Hex 566657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566657 }
```

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

```
.background{ background-color:#566657 }
```

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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