

# Converting Colors

Hex(566647)

Have a look what the booklet for  
Hex(566647) contains.

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# Color

**Hex(566647)**

# Conversions

## Conversions Part 1

Format	Color
Hex	566647
RGB	86, 102, 71
RGB Percent	34%, 40%, 28%
CMY	0.6627, 0.6000, 0.7216
CMYK	0.16, 0.00, 0.30, 0.60
HSL	91°, 18%, 34%
HSV	91°, 30%, 40%
XYZ	9.7265, 11.9361, 7.7525
YIQ	93.6820, 0.4150, -13.0330

# Conversions

## Conversions Part 2

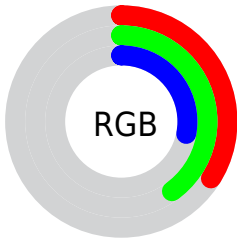
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 102, 87
Decimal	5662279
CIELab	41.11, -12.31, 15.58
CIElCh	41, 19.857, 128.320
Yxy	11.9361, 0.3307, 0.4058
Android (android.graphics.Color)	4283852359 (0xFF566647)
YUV	93.6820, -11.1822, -6.7371
Hunter-Lab	34.5487, -10.2073, 10.8798

# Details

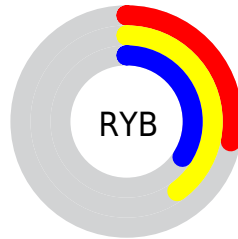
The Hex color **566647** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **574766**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **889978**, and **28371B** is the 20% darker color. If you saturate the color by 10%, you get **51663D**, and if you desaturate by 10%, it is **5B6651**.

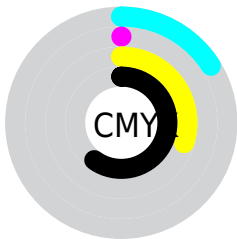
# Distribution



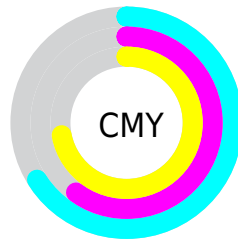
- Red (34%)
- Green (40%)
- Blue (28%)



- Red (28%)
- Yellow (40%)
- Blue (34%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 566647 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 566647 by changing the saturation by 10% instead.



 566647

 566647

FFFFFF

 3E4E30

 889978

 28371B

 A2B491

 152202

 BECFAC

 000800


 DAEC7

 000000

 F6FFE3

 566647

 566647

 51663D

 5B6651

 4B6633

 61665B

■ 466628

■ 666666

■ 41661E

■ 6B6670

■ 3C6614

■ 70667A

■ 36660A

■ 766684

■ 316600

■ 7B668E

■ 806699

■ 8566A3

# Harmonies

## Analogous

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



686141



566647



436954

# Triad

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



566647



3B667F



81555D

# Complementary

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



566647



574766

# 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.



79566D



566647



526181

# Square

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



566647



2D6975



695B7B



80574E

# Rectangle

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



566647



376A5F



695B7B



805562



# Sweetspot

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



566647



7E8579



665747



3F423B



C2C2C2



424242



# Same Dimension

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



566647



6C8555



476647



30332E



387300



75F200



# Inverse Universe

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



574766



6E5585



664766



312E33



3B0073



7D00F2



# Previews

## White Background



This preview shows how the Hex color 566647 looks on a white background.

## Color Contrast Check

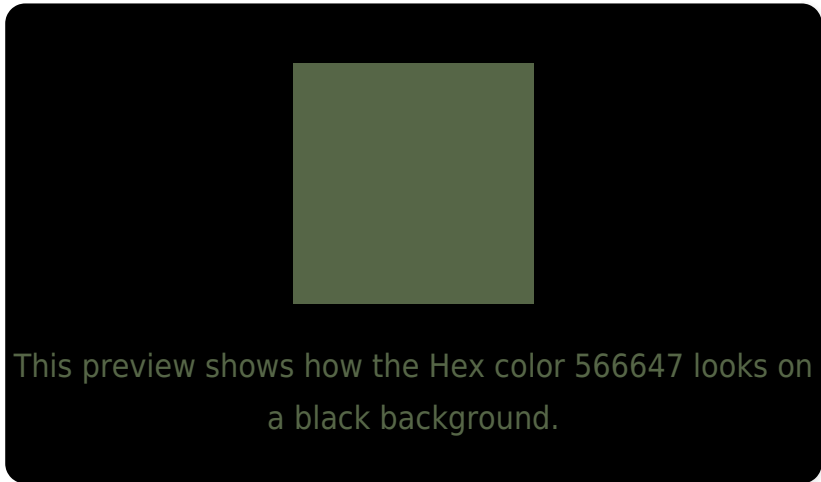
Large Text (above 18pt) WCAG AA ✓ Pass

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

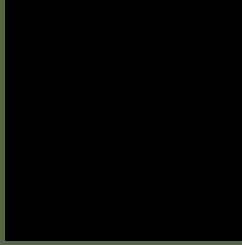
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

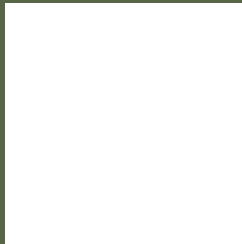
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 566647 Background



This preview shows how black text looks on a background with the Hex color 566647.



This preview shows how white text looks on a background with the Hex color 566647.

# 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**  
566647

**Protanopia**  
686145

**Deuteranopia**  
725D49



**Tritanopia**  
5B6269

# Trichromacy



**Original Color**  
566647

**Protanomaly**  
616346

**Deuteranomaly**  
686048

**Tritanomaly**  
59635D

# Monochromacy



**Original Color**  
566647

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5B6156

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 566647 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 #566647 looks like.

```
.text, #text, p{  
    color:#566647  
}
```

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 #566647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566647
}
```

## Border

The CSS property to change the border of an element to Hex 566647 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".

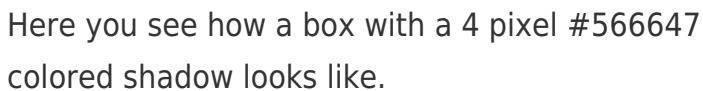
```
.border, #border, table{ border:4px solid
#566647 }
```

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

```
.border{ border-color:#566647 }
```

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

Here you see how a box with a 4 pixel #566647 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566647; -webkit-box-shadow:4px 4px  
4px 4px #566647; box-shadow:4px 4px 4px  
4px #566647 }
```

# Background

The CSS property to change the background color of an element to Hex 566647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566647 }
```

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

```
.background{ background-color:#566647 }
```

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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