

# Converting Colors

Hex(557864)

Have a look what the booklet for  
Hex(557864) contains.

<b>Hex(557864)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(557864)

# Conversions

## Conversions Part 1

Format	Color
Hex	557864
RGB	85, 120, 100
RGB Percent	33%, 47%, 39%
CMY	0.6667, 0.5294, 0.6078
CMYK	0.29, 0.00, 0.17, 0.53
HSL	146°, 17%, 40%
HSV	146°, 29%, 47%
XYZ	12.7630, 16.2843, 14.5271
YIQ	107.2550, -14.4400, -13.6400

# Conversions

## Conversions Part 2

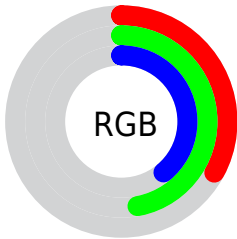
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 110, 120
Decimal	5601380
CIELab	47.35, -17.00, 7.02
CIELCh	47, 18.392, 157.563
Yxy	16.2843, 0.2929, 0.3737
Android (android.graphics.Color)	4283791460 (0xFF557864)
YUV	107.2550, -3.5767, -19.5176
Hunter-Lab	40.3539, -14.1636, 6.9037

# Details

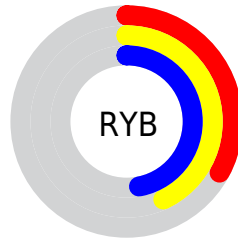
The Hex color **557864** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785569**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **88AC97**, and **264735** is the 20% darker color. If you saturate the color by 10%, you get **49785D**, and if you desaturate by 10%, it is **61786B**.

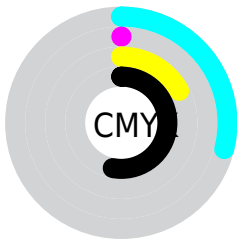
# Distribution



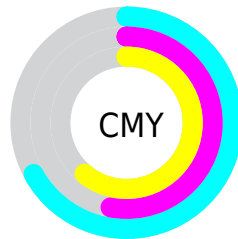
- Red (33%)
- Green (47%)
- Blue (39%)



- Red (33%)
- Yellow (43%)
- Blue (47%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)



- Cyan (67%)
- Magenta (53%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557864 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 557864 by changing the saturation by 10% instead.



 557864

 557864

FFFFFF

 3D5F4C

 88AC97

 264735

 A2C8B2

 0F3120

 BDE4CD

 001D09

 D9FFE9


 000000

 F6FFFF

 557864

 557864

 49785D

 61786B

 3D7856

 6D7872

■ 31784F

■ 797879

■ 257849

■ 85787F

■ 197842

■ 917886

■ 0D783B

■ 9D788D

■ 017834

■ A97894

■ 007833

■ B5789B

■ C178A2

# Harmonies

## Analogous

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



677557



557864



477974

# Triad

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



557864



63708F



8E675E

# Complementary

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



557864



785569

# 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.



8F656D



557864



786B89

# Square

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



557864



4E758C



88677C



866B54

# Rectangle

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



557864



43797E



88677C



906663



# Sweetspot

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



557864



8E9C94



697855



464F4A



CFCFCF



4F4F4F



# Same Dimension

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



557864



659C7C



557875



373D3A



007D36



00FC6C



# Inverse Universe

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



785569



9C6584



785558



3D373B



7D0047

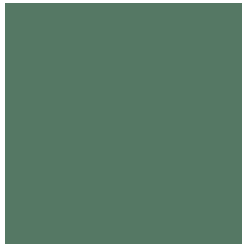


FC0090



# Previews

## White Background



This preview shows how the Hex color 557864 looks on a white background.

## Color Contrast Check

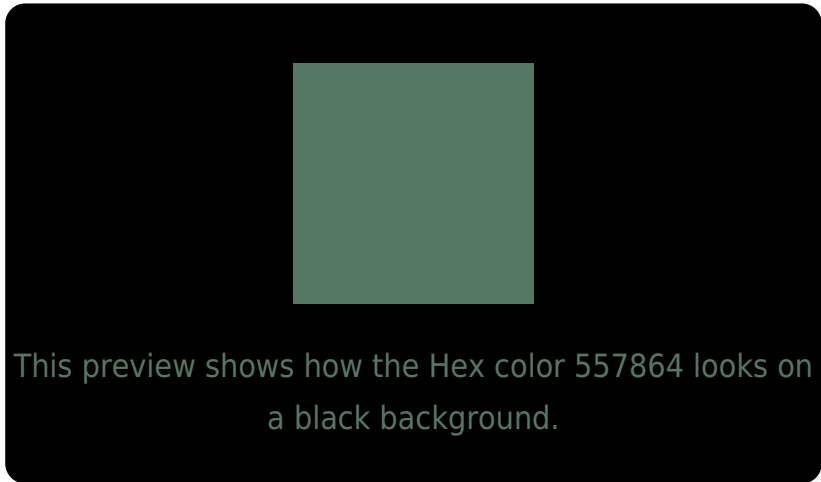
Large Text (above 18pt) WCAG AA ✓ Pass

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

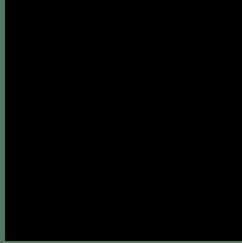
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 557864 Background



This preview shows how black text looks on a background with the Hex color 557864.



This preview shows how white text looks on a background with the Hex color 557864.

# 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**  
557864

**Protanopia**  
767060

**Deuteranopia**  
7E6C67



**Tritanopia**  
5A747E

# Trichromacy



**Original Color**  
557864

**Protanomaly**  
6A7361

**Deuteranomaly**  
6F7066

**Tritanomaly**  
587575

# Monochromacy



**Original Color**  
557864

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
637068

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557864 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 #557864 looks like.

```
.text, #text, p{  
    color:#557864  
}
```

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 #557864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557864
}
```

## Border

The CSS property to change the border of an element to Hex 557864 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
#557864 }
```

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

```
.border{ border-color:#557864 }
```

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

Here you see how a box with a 4 pixel #557864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557864; -webkit-box-shadow:4px 4px  
4px 4px #557864; box-shadow:4px 4px 4px  
4px #557864 }
```

# Background

The CSS property to change the background color of an element to Hex 557864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557864 }
```

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

```
.background{ background-color:#557864 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor