

# Converting Colors

Hex(557D66)

Have a look what the booklet for  
Hex(557D66) contains.

<b>Hex(557D66)</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(557D66)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	557D66
RGB	85, 125, 102
RGB Percent	33%, 49%, 40%
CMY	0.6667, 0.5098, 0.6000
CMYK	0.32, 0.00, 0.18, 0.51
HSL	146°, 19%, 41%
HSV	146°, 32%, 49%
XYZ	13.4782, 17.5578, 15.2490
YIQ	110.4180, -16.4570, -15.6330

# Conversions

## Conversions Part 2

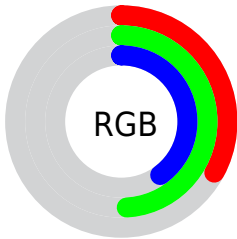
Format	Color
<a href="#">RYB</a>	<a href="#">85, 113, 125</a>
Decimal	<a href="#">5602662</a>
CIELab	<a href="#">48.96, -19.24, 8.13</a>
CIElCh	<a href="#">49, 20.891, 157.098</a>
Yxy	<a href="#">17.5578, 0.2912, 0.3793</a>
Android (android.graphics.Color)	<a href="#">4283792742</a> ( <a href="#">0xFF557D66</a> )
YUV	<a href="#">110.4180, -4.1501, -22.2916</a>
Hunter-Lab	<a href="#">41.9021, -15.9124, 7.7546</a>

# Details

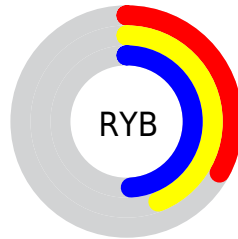
The Hex color **557D66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D556C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **88B299**, and **254C37** is the 20% darker color. If you saturate the color by 10%, you get **497D5F**, and if you desaturate by 10%, it is **627D6D**.

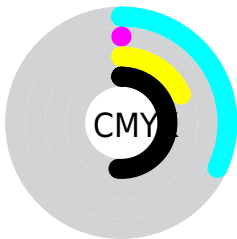
# Distribution



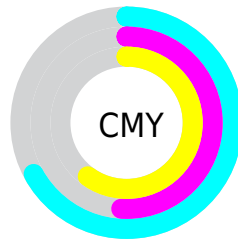
- Red (33%)
- Green (49%)
- Blue (40%)



- Red (33%)
- Yellow (44%)
- Blue (49%)



- Cyan (32%)
- Magenta (0%)
- Yellow (18%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557D66 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 557D66 by changing the saturation by 10% instead.



 557D66

 557D66

FFFFFF

 3D644E

 88B299

 254C37

 A2CDB4

 0E3522

 BEEACF

 00200C

 DAF FEC

 000000

 F6FFFF

 557D66

 557D66

 497D5F

 627D6D

 3C7D58

 6E7D74

 307D50

 7A7D7C

 237D49

 877D83

 177D42

 937D8A

 0A7D3B

 A07D91

 007D35

 AC7D98

 B97D9F

 C67DA7

# Harmonies

## Analogous

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



697A58



557D66



447E78

# Triad

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



557D66



647597



966960

# Complementary

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



557D66



7D556C

# 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.



976771



557D66



7C6E91

# Square

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



557D66



4C7A94



8F6982



8D6F54

# Rectangle

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



557D66



3E7E84



8F6982



986865



# Sweetspot

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



557D66



93A39A



6C7D55



48524C



D1D1D1



525252



# Same Dimension

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



557D66



65A380



557D7A



39403C



008036



000000



# Inverse Universe

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



7D556C



A36589



7D5558



40393D



800049



000000



# Previews

## White Background



This preview shows how the Hex color 557D66 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 ✓ Pass

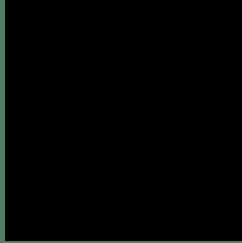
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 557D66 Background



This preview shows how black text looks on a background with the Hex color 557D66.

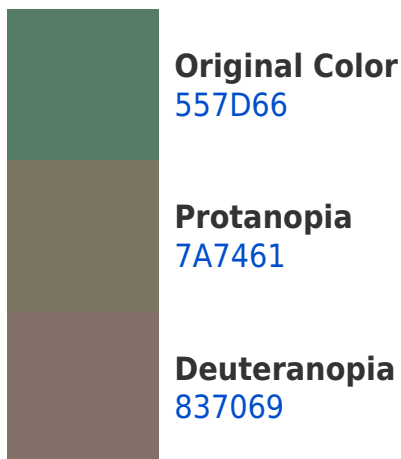


This preview shows how white text looks on a background with the Hex color 557D66.

# 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





**Tritanopia**  
5B7983

# Trichromacy



**Original Color**  
557D66

**Protanomaly**  
6D7763

**Deuteranomaly**  
727568

**Tritanomaly**  
597A78

# Monochromacy



**Original Color**  
557D66

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
65736B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557D66 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 #557D66 looks like.

```
.text, #text, p{  
    color:#557D66  
}
```

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 #557D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557D66
}
```

## Border

The CSS property to change the border of an element to Hex 557D66 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
#557D66 }
```

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

```
.border{ border-color:#557D66 }
```

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

Here you see how a box with a 4 pixel #557D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557D66; -webkit-box-shadow:4px 4px  
4px 4px #557D66; box-shadow:4px 4px 4px  
4px #557D66 }
```

# Background

The CSS property to change the background color of an element to Hex 557D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557D66 }
```

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

```
.background{ background-color:#557D66 }
```

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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