

Converting Colors

Hex(537D65)

Have a look what the booklet for
Hex(537D65) contains.

Hex(537D65)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(537D65)

Conversions

Conversions Part 1

Format	Color
Hex	537D65
RGB	83, 125, 101
RGB Percent	33%, 49%, 40%
CMY	0.6745, 0.5098, 0.6039
CMYK	0.34, 0.00, 0.19, 0.51
HSL	146°, 20%, 41%
HSV	146°, 34%, 49%
XYZ	13.2499, 17.4458, 14.9810
YIQ	109.7060, -17.3280, -16.3680

Conversions

Conversions Part 2

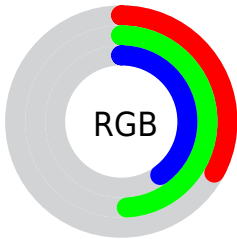
Format	Color
R_{YB}	83, 112, 125
Decimal	5471589
CIE _{Lab}	48.82, -20.13, 8.50
CIE _{LCh}	49, 21.851, 157.098
Yxy	17.4458, 0.2901, 0.3819
Android (android.graphics.Color)	4283661669 (0xFF537D65)
YUV	109.7060, -4.2921, -23.4212
Hunter-Lab	41.7682, -16.4699, 7.9722

Details

The Hex color **537D65** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D536B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **86B298**, and **234C36** is the 20% darker color. If you saturate the color by 10%, you get **477D5E**, and if you desaturate by 10%, it is **607D6C**.

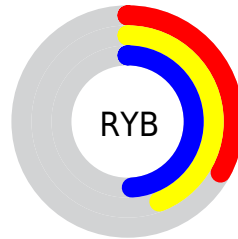
Distribution



Red (33%)

Green (49%)

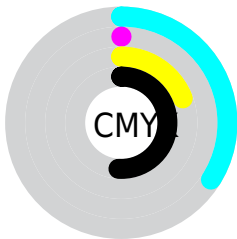
Blue (40%)



Red (33%)

Yellow (44%)

Blue (49%)

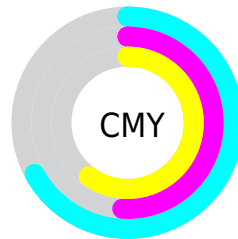


Cyan (34%)

Magenta (0%)

Yellow (19%)

Black (51%)



Cyan (67%)

Magenta (51%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537D65 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 537D65 by changing the saturation by 10% instead.

 537D65

 537D65

FFFFFF

 3B644D

 86B298

 234C36

 A0CDB3

 0B3521

 BCEACE

 00200B

 D8FFEA

 000000

 F4FFFF

 537D65

 537D65

 477D5E

 607D6C

 3A7D57

 6C7D73

 2E7D50


 797D7A

 217D48

 857D82

 157D41

 927D89

 087D3A

 9E7D90

 007D36

 AB7D97

 B77D9E

 C37DA5

Harmonies

Analogous

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



687A56



537D65



407E78

Triad

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



537D65



637498



97695F

Complementary

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



537D65



7D536B

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.



986670



537D65



7C6E91

Square

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



537D65



497A96



8F6883



8D6E52

Rectangle

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



537D65



3A7E84



8F6883



996764

Sweetspot

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



537D65



93A39A



6C7D53



48524C



D1D1D1



525252

Same Dimension

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



537D65



62A37E



537D7A



39403C



008037



000000

Inverse Universe

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



7D536B



A36287



7D5356



40393D



800049



000000

Previews

White Background



This preview shows how the Hex color 537D65 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

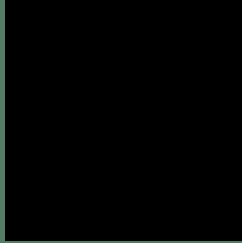
Any Text WCAG AA × Fail

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 537D65 Background



This preview shows how black text looks on a background with the Hex color 537D65.

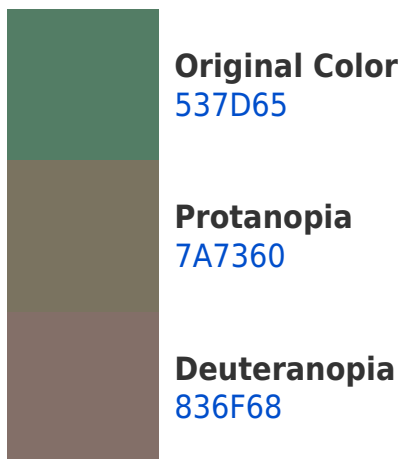


This preview shows how white text looks on a background with the Hex color 537D65.

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
597983

Trichromacy



Original Color
537D65

Protanomaly
6C7762

Deuteranomaly
727467

Tritanomaly
577A78

Monochromacy



Original Color
537D65

Achromatopsia
6E6E6E

Achromatomaly
64736B

CSS Examples

Text

The CSS property to change the color of the text to Hex 537D65 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 #537D65 looks like.

```
.text, #text, p{  
    color:#537D65  
}
```

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 #537D65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537D65
}
```

Border

The CSS property to change the border of an element to Hex 537D65 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".

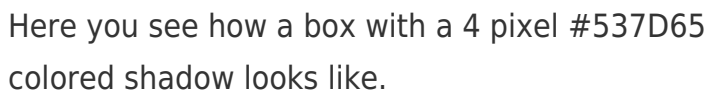
```
.border, #border, table{ border:4px solid
#537D65 }
```

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

```
.border{ border-color:#537D65 }
```

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

Here you see how a box with a 4 pixel #537D65 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537D65; -webkit-box-shadow:4px 4px  
4px 4px #537D65; box-shadow:4px 4px 4px  
4px #537D65 }
```

Background

The CSS property to change the background color of an element to Hex 537D65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537D65 }
```

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

```
.background{ background-color:#537D65 }
```

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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