

Converting Colors

Hex(507D50)

Have a look what the booklet for
Hex(507D50) contains.

Hex(507D50)	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(507D50)

Conversions

Conversions Part 1

Format	Color
Hex	507D50
RGB	80, 125, 80
RGB Percent	31%, 49%, 31%
CMY	0.6863, 0.5098, 0.6863
CMYK	0.36, 0.00, 0.36, 0.51
HSL	120°, 22%, 40%
HSV	120°, 36%, 49%
XYZ	12.0898, 16.9519, 10.2243
YIQ	106.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

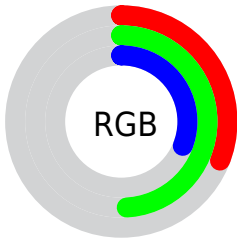
Format	Color
RYB	80, 125, 125
Decimal	5274960
CIELab	48.20, -25.26, 19.78
CIElCh	48, 32.088, 141.936
Yxy	16.9519, 0.3079, 0.4317
Android (android.graphics.Color)	4283465040 (0xFF507D50)
YUV	106.4150, -13.0226, -23.1660
Hunter-Lab	41.1727, -19.6379, 14.0976

Details

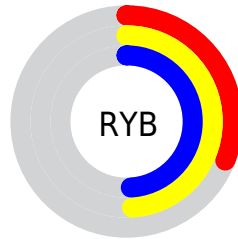
The Hex color **507D50** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D507D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **83B282**, and **1F4C23** is the 20% darker color. If you saturate the color by 10%, you get **447D44**, and if you desaturate by 10%, it is **5D7D5D**.

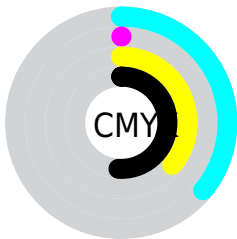
Distribution



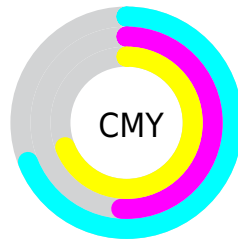
- Red (31%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (36%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507D50 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 507D50 by changing the saturation by 10% instead.

■ 507D50

■ 507D50

FFFFFF

■ 386439

■ 83B282

■ 1F4C23

■ 9ECE9C

■ 05350D

■ B9EAB7

■ 002000

■ D5FFD2

■ 000000

■ F2FFEF

■ 507D50

■ 507D50

■ 447D44

■ 5D7D5D

■ 377D37

■ 697D69

 2B7D2B

 767D76

 1E7D1E

 827D82

 127D12

 8F7D8F

 057D05

 9B7D9B

 007D00

 A87DA8

 B47DB4

 C17DC1

Harmonies

Analogous

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



70773F



507D50



27806A

Triad

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



507D50



3977A8



A65E60

Complementary

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



507D50



7D507D

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.



A25D7B



507D50



6A6EA5

Square

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



507D50



007E9C



8D6494



9D6549

Rectangle

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



507D50



00817D



8D6494



A65D69

Sweetspot

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



507D50



91A391



7D7D50



475247



D1D1D1



525252

Same Dimension

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



507D50



5DA35D



507D67



394039



008000



000000

Inverse Universe

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



7D507D



A35DA3



7D5067



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 507D50 looks on a white background.

Color Contrast Check

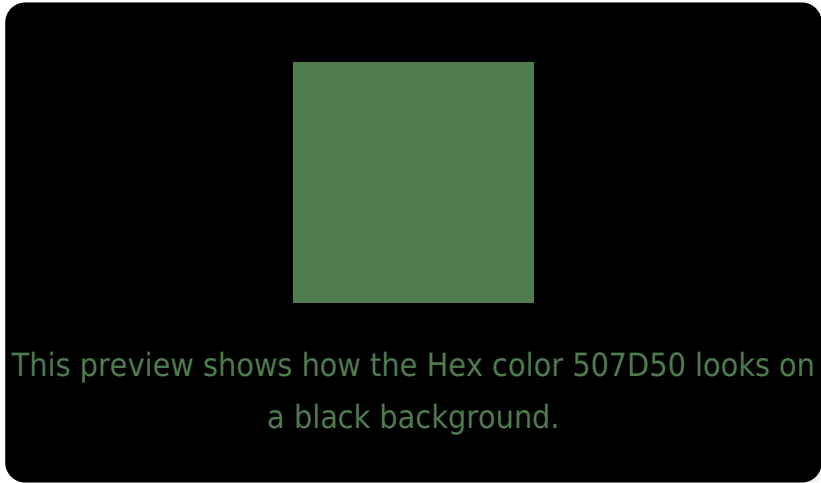
Large Text (above 18pt) WCAG AA ✓ Pass

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

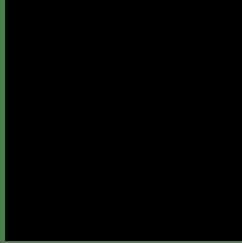
Any Text WCAG AA × Fail

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 507D50 Background



This preview shows how black text looks on a background with the Hex color 507D50.



This preview shows how white text looks on a background with the Hex color 507D50.

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
507D50

Protanopia
7C724B

Deuteranopia
876D54



Tritanopia
597781

Trichromacy



Original Color
507D50

Protanomaly
6C764D

Deuteranomaly
737353

Tritanomaly
56796F

Monochromacy



Original Color
507D50

Achromatopsia
6A6A6A

Achromatomaly
617161

CSS Examples

Text

The CSS property to change the color of the text to Hex 507D50 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 #507D50 looks like.

```
.text, #text, p{  
    color:#507D50  
}
```

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 #507D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507D50
}
```

Border

The CSS property to change the border of an element to Hex 507D50 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
#507D50 }
```

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

```
.border{ border-color:#507D50 }
```

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

Here you see how a box with a 4 pixel #507D50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507D50; -webkit-box-shadow:4px 4px  
4px 4px #507D50; box-shadow:4px 4px 4px  
4px #507D50 }
```

Background

The CSS property to change the background color of an element to Hex 507D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507D50 }
```

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

```
.background{ background-color:#507D50 }
```

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