

Converting Colors

Hex(537C41)

Have a look what the booklet for
Hex(537C41) contains.

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Color

Hex(537C41)

Conversions

Conversions Part 1

Format	Color
Hex	537C41
RGB	83, 124, 65
RGB Percent	33%, 49%, 25%
CMY	0.6745, 0.5137, 0.7451
CMYK	0.33, 0.00, 0.48, 0.51
HSL	102°, 31%, 37%
HSV	102°, 48%, 49%
XYZ	11.7291, 16.6360, 7.5939
YIQ	105.0150, -5.4970, -27.0410

Conversions

Conversions Part 2

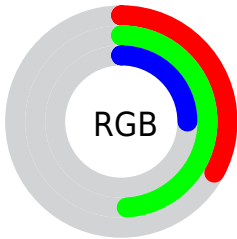
Format	Color
RYB	65, 124, 106
Decimal	5471297
CIELab	47.80, -26.06, 27.67
CIELCh	48, 38.012, 133.283
Yxy	16.6360, 0.3262, 0.4626
Android (android.graphics.Color)	4283661377 (0xFF537C41)
YUV	105.0150, -19.7274, -19.3072
Hunter-Lab	40.7872, -20.0468, 17.5122

Details

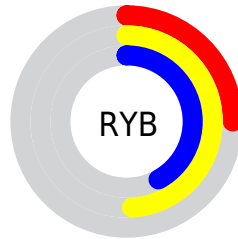
The Hex color **537C41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A417C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **86B172**, and **224B13** is the 20% darker color. If you saturate the color by 10%, you get **4A7C35**, and if you desaturate by 10%, it is **5C7C4D**.

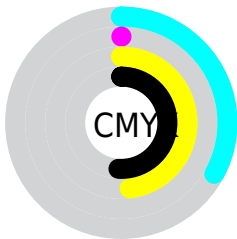
Distribution



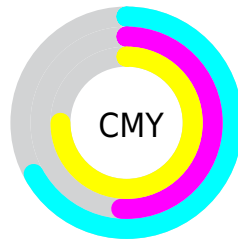
- Red (33%)
- Green (49%)
- Blue (25%)



- Red (25%)
- Yellow (49%)
- Blue (42%)



- Cyan (33%)
- Magenta (0%)
- Yellow (48%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537C41 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 537C41 by changing the saturation by 10% instead.

 537C41

 537C41

FFFFFF

 3A632A

 86B172

 224B13

 A1CC8C

 0A3400

 BDE9A6

 002000

 D9FFC2

 000000

 F6FFDE

 FFFFFB

 537C41

 537C41

 4A7C35

 5C7C4D

■ 427C28

■ 647C5A

■ 397C1C

■ 6D7C66

■ 317C0F

■ 757C73

■ 287C03

■ 7E7C7F

■ 267C00

■ 877C8B

■ 8F7C98

■ 987CA4

■ A17CB1

Harmonies

Analogous

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



777430



537C41



1E805E

Triad

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



537C41



007AAE



AE5764

Complementary

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



537C41



6A417C

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.



A35985



537C41



5570B0

Square

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



537C41



00809D



8663A0



A75E47

Rectangle

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



537C41



008274



8663A0



AC566F

Sweetspot

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



537C41



91A18A



7C6941



485244



D1D1D1



525252

Same Dimension

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



537C41



61A145



417C4C



393D37



267D00



4DFC00

Inverse Universe

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



6A417C



8545A1



7C4171



3B373D



57007D



AF00FC

Previews

White Background



This preview shows how the Hex color 537C41 looks on a white background.

Color Contrast Check

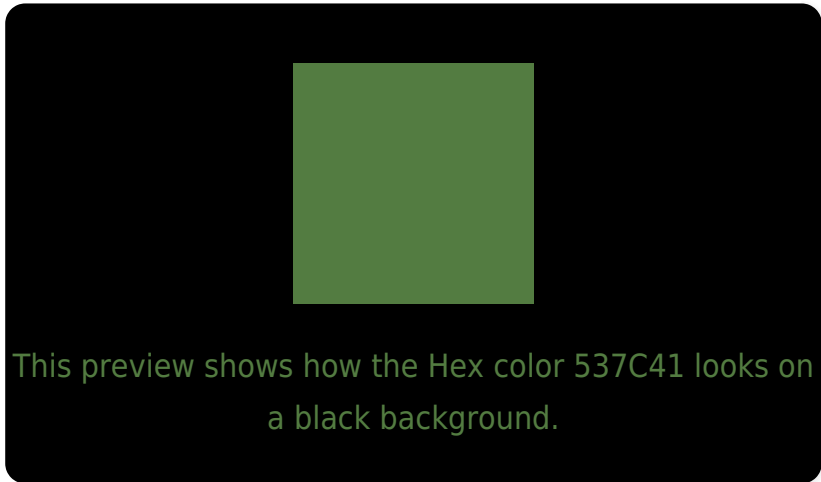
Large Text (above 18pt) WCAG AA ✓ Pass

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

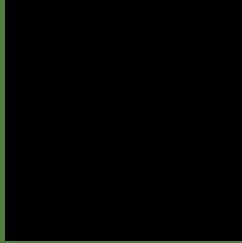
Any Text WCAG AA × Fail

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 537C41 Background



This preview shows how black text looks on a background with the Hex color 537C41.



This preview shows how white text looks on a background with the Hex color 537C41.

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
537C41

Protanopia
7C713D

Deuteranopia
896C45



Tritanopia
5D757E

Trichromacy



Original Color
537C41

Protanomaly
6D753E

Deuteranomaly
757244

Tritanomaly
597868

Monochromacy



Original Color
537C41

Achromatopsia
696969

Achromatomaly
61705A

CSS Examples

Text

The CSS property to change the color of the text to Hex 537C41 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 #537C41 looks like.

```
.text, #text, p{  
    color:#537C41  
}
```

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 #537C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537C41
}
```

Border

The CSS property to change the border of an element to Hex 537C41 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
#537C41 }
```

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

```
.border{ border-color:#537C41 }
```

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

Here you see how a box with a 4 pixel #537C41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537C41; -webkit-box-shadow:4px 4px  
4px 4px #537C41; box-shadow:4px 4px 4px  
4px #537C41 }
```

Background

The CSS property to change the background color of an element to Hex 537C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537C41 }
```

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

```
.background{ background-color:#537C41 }
```

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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