

Converting Colors

Hex(565E42)

Have a look what the booklet for
Hex(565E42) contains.

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Color

Hex(565E42)

Conversions

Conversions Part 1

Format	Color
Hex	565E42
RGB	86, 94, 66
RGB Percent	34%, 37%, 26%
CMY	0.6627, 0.6314, 0.7412
CMYK	0.09, 0.00, 0.30, 0.63
HSL	77°, 18%, 31%
HSV	77°, 30%, 37%
XYZ	8.8238, 10.3772, 6.6922
YIQ	88.4160, 4.2200, -10.4040

Conversions

Conversions Part 2

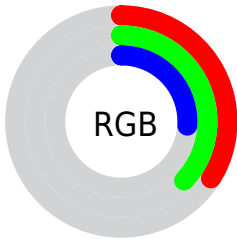
Format	Color
RYB	66, 94, 74
Decimal	5660226
CIELab	38.51, -8.56, 15.06
CIElCh	39, 17.320, 119.624
Yxy	10.3772, 0.3408, 0.4008
Android (android.graphics.Color)	4283850306 (0xFF565E42)
YUV	88.4160, -11.0511, -2.1188
Hunter-Lab	32.2136, -7.4799, 10.2324

Details

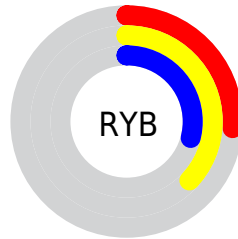
The Hex color **565E42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A425E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **889072**, and **283017** is the 20% darker color. If you saturate the color by 10%, you get **535E39**, and if you desaturate by 10%, it is **595E4B**.

Distribution



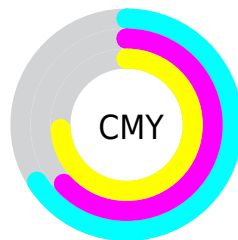
- Red (34%)
- Green (37%)
- Blue (26%)



- Red (26%)
- Yellow (37%)
- Blue (29%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (63%)



- Cyan (66%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565E42 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 565E42 by changing the saturation by 10% instead.

■ 565E42

■ 565E42

FFFFFF

■ 3F462C

■ 889072

■ 283017

■ A2AB8C

■ 151B00

■ BEC6A6

■ 000000

■ D9E2C1

■ F6FFDD

■ FFFFFA

■ 565E42

■ 565E42

■ 535E39

■ 595E4B

■ 515E2F

■ 5B5E55

■ 4E5E26

■ 5E5E5E

■ 4B5E1C

■ 615E68

■ 495E13

■ 635E71

■ 465E0A

■ 665E7A

■ 435E00

■ 695E84

■ 6B5E8D

■ 6E5E97

Harmonies

Analogous

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



655A3F



565E42



46614C

Triad

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



565E42



376072



76505B

Complementary

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



565E42



4A425E

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.



6D5369



565E42



495C76

Square

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



565E42



306268



5D5773



77514D

Rectangle

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



565E42



3C6255



5D5773



735160

Sweetspot

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



565E42



777A6F



5E4A42



3B3D36



BDBDBD



3D3D3D

Same Dimension

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



565E42



6E7A4E



485E42



2D2E29



4E6E00



A9ED00

Inverse Universe

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



4A425E



5B4E7A



58425E



2B292E



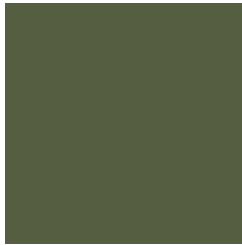
1F006E



4400ED

Previews

White Background



This preview shows how the Hex color 565E42 looks on a white background.

Color Contrast Check

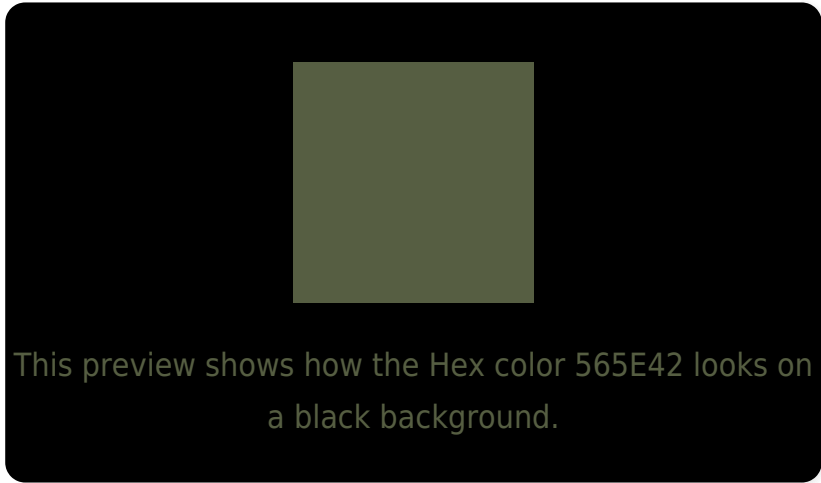
Large Text (above 18pt) WCAG AA ✓ Pass

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

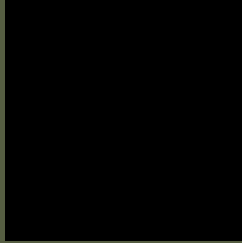
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

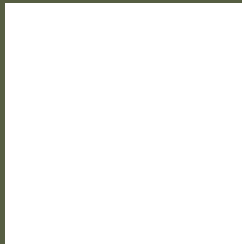
Any Text WCAG AAA × Fail

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

Hex 565E42 Background



This preview shows how black text looks on a background with the Hex color 565E42.



This preview shows how white text looks on a background with the Hex color 565E42.

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
565E42

Protanopia
625A40

Deuteranopia
6B5744



Tritanopia
5A5A61

Trichromacy



Original Color
565E42

Protanomaly
5E5B41

Deuteranomaly
635A43

Tritanomaly
595B56

Monochromacy



Original Color
565E42

Achromatopsia
585858

Achromatomaly
575A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 565E42 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 #565E42 looks like.

```
.text, #text, p{  
    color:#565E42  
}
```

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 #565E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565E42
}
```

Border

The CSS property to change the border of an element to Hex 565E42 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".

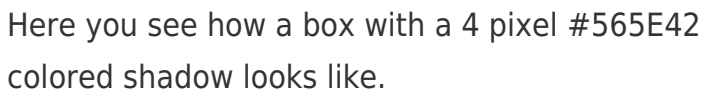
```
.border, #border, table{ border:4px solid
#565E42 }
```

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

```
.border{ border-color:#565E42 }
```

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

Here you see how a box with a 4 pixel #565E42 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565E42; -webkit-box-shadow:4px 4px  
4px 4px #565E42; box-shadow:4px 4px 4px  
4px #565E42 }
```

Background

The CSS property to change the background color of an element to Hex 565E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565E42 }
```

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

```
.background{ background-color:#565E42 }
```

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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