

# Converting Colors

Hex(565D43)

Have a look what the booklet for  
Hex(565D43) contains.

<b>Hex(565D43)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(565D43)**

# Conversions

## Conversions Part 1

Format	Color
Hex	565D43
RGB	86, 93, 67
RGB Percent	34%, 36%, 26%
CMY	0.6627, 0.6353, 0.7373
CMYK	0.08, 0.00, 0.28, 0.64
HSL	76°, 16%, 31%
HSV	76°, 28%, 36%
XYZ	8.7652, 10.2124, 6.8194
YIQ	87.9430, 4.1740, -9.5700

# Conversions

## Conversions Part 2

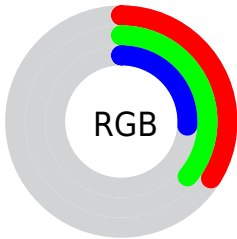
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 93, 74
Decimal	5659971
CIELab	38.22, -7.81, 14.06
CIElCh	38, 16.084, 119.063
Yxy	10.2124, 0.3398, 0.3959
Android (android.graphics.Color)	4283850051 (0xFF565D43)
YUV	87.9430, -10.3249, -1.7040
Hunter-Lab	31.9568, -6.9649, 9.7176

# Details

The Hex color **565D43** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A435D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **888F73**, and **282F18** is the 20% darker color. If you saturate the color by 10%, you get **535D3A**, and if you desaturate by 10%, it is **595D4C**.

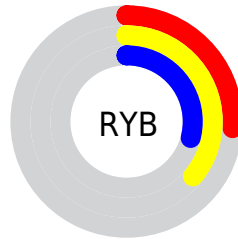
# Distribution



Red (34%)

Green (36%)

Blue (26%)



Red (26%)

Yellow (36%)

Blue (29%)

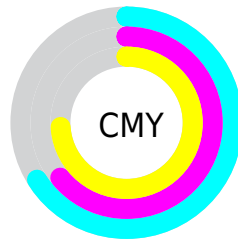


Cyan (8%)

Magenta (0%)

Yellow (28%)

Black (64%)



Cyan (66%)

Magenta (64%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565D43 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 565D43 by changing the saturation by 10% instead.



■ 565D43

■ 565D43

FFFFFF

■ 3F452D

■ 888F73

■ 282F18

■ A2AA8D

■ 161A00

■ BDC5A7

■ 000000

■ D9E1C2

■ F6FEDE

■ FFFFFB

■ 565D43

■ 565D43

■ 535D3A

■ 595D4C

■ 515D30

■ 5B5D56

■ 4E5D27

■ 5E5D5F

■ 4C5D1E

■ 605D68

■ 495D15

■ 635D72

■ 475D0B

■ 655D7B

■ 445D02

■ 685D84

■ 445D00

■ 6A5D8D

■ 6D5D97

# Harmonies

## Analogous

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



645940



565D43



47604C

# Triad

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



565D43



395F70



73515B

# Complementary

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



565D43



4A435D

# 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.



6A5368



565D43



495B74

# Square

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



565D43



336166



5B5771



74514E

# Rectangle

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



565D43



3E6155



5B5771



71515F



# Sweetspot

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



565D43



75786E



5D4A43



3C3D37



BDBDBD



3D3D3D



# Same Dimension

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



565D43



6D784F



495D43



2D2E29



506E00



ADED00



# Inverse Universe

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



4A435D



5A4F78



57435D



2B292E



1E006E



4000ED



# Previews

## White Background



This preview shows how the Hex color 565D43 looks on a white background.

## Color Contrast Check

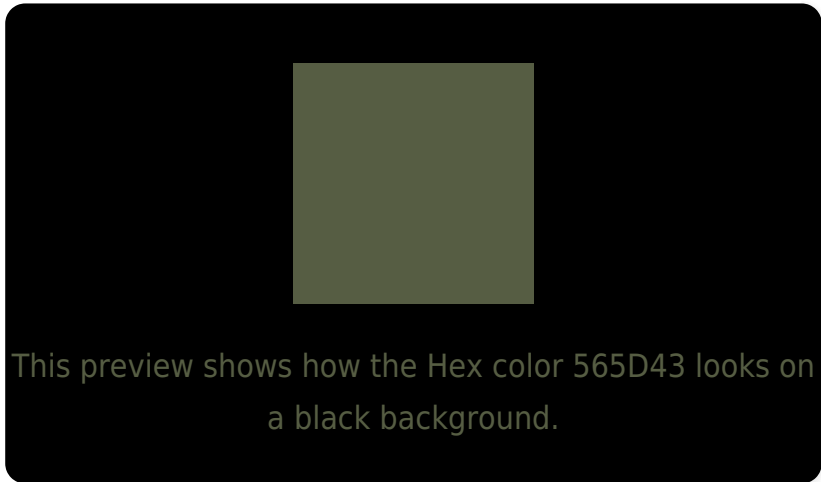
Large Text (above 18pt) WCAG AA ✓ Pass

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

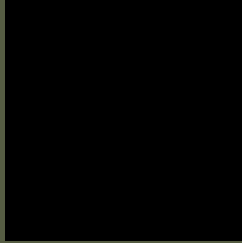
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 565D43 Background



This preview shows how black text looks on a background with the Hex color 565D43.



This preview shows how white text looks on a background with the Hex color 565D43.

# 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**  
565D43

**Protanopia**  
615A42

**Deuteranopia**  
6A5644



**Tritanopia**  
5A5960

# Trichromacy



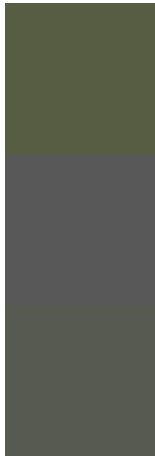
**Original Color**  
565D43

**Protanomaly**  
5D5B42

**Deuteranomaly**  
635944

**Tritanomaly**  
595A55

# Monochromacy



**Original Color**  
565D43

**Achromatopsia**  
585858

**Achromatomaly**  
575A50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565D43 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 #565D43 looks like.

```
.text, #text, p{  
    color:#565D43  
}
```

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 #565D43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565D43  
}
```

## Border

The CSS property to change the border of an element to Hex 565D43 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".

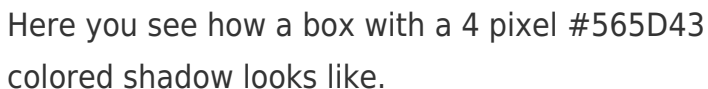
```
.border, #border, table{ border:4px solid  
#565D43 }
```

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

```
.border{ border-color:#565D43 }
```

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

Here you see how a box with a 4 pixel #565D43 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565D43; -webkit-box-shadow:4px 4px  
4px 4px #565D43; box-shadow:4px 4px 4px  
4px #565D43 }
```

# Background

The CSS property to change the background color of an element to Hex 565D43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565D43 }
```

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

```
.background{ background-color:#565D43 }
```

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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