

Converting Colors

Hex(565C3E)

Have a look what the booklet for
Hex(565C3E) contains.

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Color

Hex(565C3E)

Conversions

Conversions Part 1

Format	Color
Hex	565C3E
RGB	86, 92, 62
RGB Percent	34%, 36%, 24%
CMY	0.6627, 0.6392, 0.7569
CMYK	0.07, 0.00, 0.33, 0.64
HSL	72°, 19%, 30%
HSV	72°, 33%, 36%
XYZ	8.5344, 9.9805, 6.0341
YIQ	86.7860, 6.0540, -10.6020

Conversions

Conversions Part 2

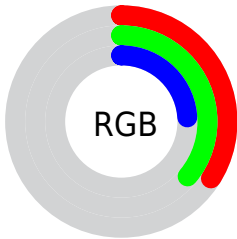
Format	Color
RYB	62, 92, 68
Decimal	5659710
CIELab	37.81, -8.03, 16.52
CIELCh	38, 18.369, 115.928
Yxy	9.9805, 0.3476, 0.4066
Android (android.graphics.Color)	4283849790 (0xFF565C3E)
YUV	86.7860, -12.2195, -0.6893
Hunter-Lab	31.5920, -7.0651, 10.7900

Details

The Hex color **565C3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **443E5C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **888E6E**, and **282E13** is the 20% darker color. If you saturate the color by 10%, you get **545C35**, and if you desaturate by 10%, it is **585C47**.

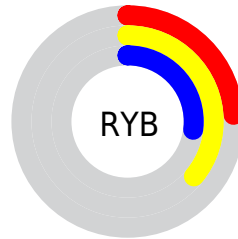
Distribution



Red (34%)

Green (36%)

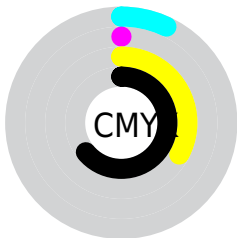
Blue (24%)



Red (24%)

Yellow (36%)

Blue (27%)

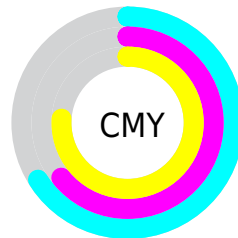


Cyan (7%)

Magenta (0%)

Yellow (33%)

Black (64%)



Cyan (66%)

Magenta (64%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565C3E 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 565C3E by changing the saturation by 10% instead.



565C3E



565C3E

FFFFFF



3E4528



888E6E



282E13



A3A987



141A00



BEC4A2



000000



DAE0BD



F6FCD8



FFFFFF5



565C3E



565C3E



545C35



585C47

■ 525C2C

■ 5A5C50

■ 505C22

■ 5C5C5A

■ 4F5C19

■ 5D5C63

■ 4D5C10

■ 5F5C6C

■ 4B5C07

■ 615C75

■ 4A5C00

■ 635C7E

■ 655C88

■ 675C91

Harmonies

Analogous

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



65573B



565C3E



455F48

Triad

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



565C3E



305F71



744E5C

Complementary

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



565C3E



443E5C

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.



6A516A



565C3E



435B76

Square

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



565C3E



2A6165



585674



774F4D

Rectangle

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



565C3E



3A6151



585674



724F61

Sweetspot

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



565C3E



75786C



5C443E



3C3D36



BDBDBD



3D3D3D

Same Dimension

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



565C3E



6F7849



485C3E



2D2E29



586E00



BEED00

Inverse Universe

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



443E5C



524978



533E5C



2A292E



16006E



2F00ED

Previews

White Background



This preview shows how the Hex color 565C3E looks on a white background.

Color Contrast Check

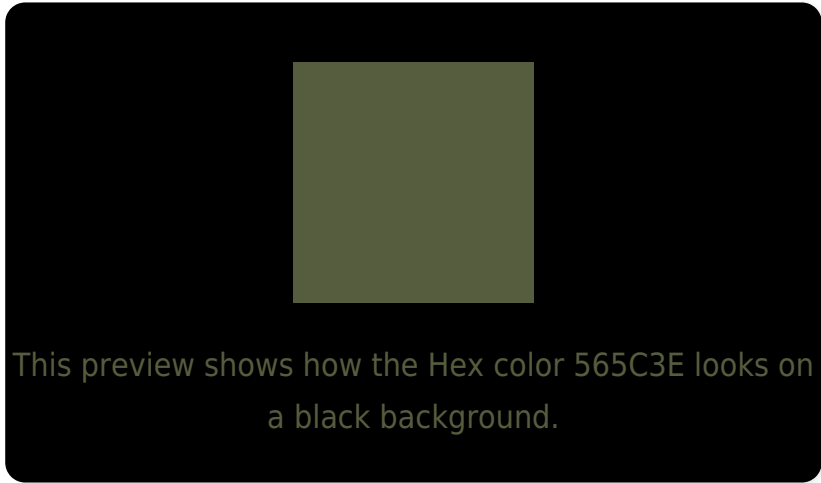
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

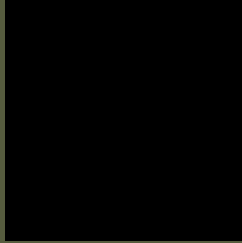
Any Text WCAG AA × Fail

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 565C3E Background



This preview shows how black text looks on a background with the Hex color 565C3E.

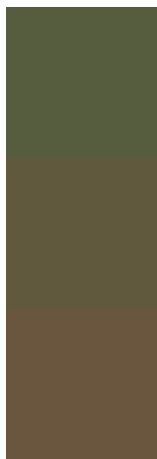


This preview shows how white text looks on a background with the Hex color 565C3E.

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
565C3E

Protanopia
60593D

Deuteranopia
6A553F



Tritanopia
5A585F

Trichromacy



Original Color
565C3E

Protanomaly
5C5A3D

Deuteranomaly
63583F

Tritanomaly
595953

Monochromacy



Original Color
565C3E

Achromatopsia
575757

Achromatomaly
57594E

CSS Examples

Text

The CSS property to change the color of the text to Hex 565C3E 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 #565C3E looks like.

```
.text, #text, p{  
    color:#565C3E  
}
```

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 #565C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565C3E
}
```

Border

The CSS property to change the border of an element to Hex 565C3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

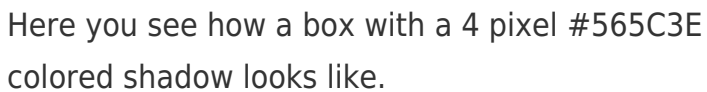
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565C3E }
```

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

```
.border{ border-color:#565C3E }
```

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



Here you see how a box with a 4 pixel #565C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565C3E; -webkit-box-shadow:4px 4px  
4px 4px #565C3E; box-shadow:4px 4px 4px  
4px #565C3E }
```

Background

The CSS property to change the background color of an element to Hex 565C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565C3E }
```

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

```
.background{ background-color:#565C3E }
```

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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