

Converting Colors

Hex(51613E)

Have a look what the booklet for
Hex(51613E) contains.

Hex(51613E)	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(51613E)

Conversions

Conversions Part 1

Format	Color
Hex	51613E
RGB	81, 97, 62
RGB Percent	32%, 38%, 24%
CMY	0.6824, 0.6196, 0.7569
CMYK	0.16, 0.00, 0.36, 0.62
HSL	87°, 22%, 31%
HSV	87°, 36%, 38%
XYZ	8.5375, 10.6465, 6.1624
YIQ	88.2260, 1.6990, -14.2770

Conversions

Conversions Part 2

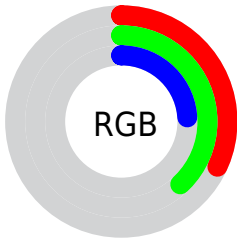
Format	Color
RYB	62, 97, 78
Decimal	5333310
CIELab	38.98, -13.05, 18.00
CIElCh	39, 22.236, 125.943
Yxy	10.6465, 0.3368, 0.4200
Android (android.graphics.Color)	4283523390 (0xFF51613E)
YUV	88.2260, -12.9294, -6.3372
Hunter-Lab	32.6290, -10.3954, 11.6426

Details

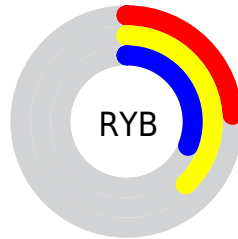
The Hex color **51613E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E3E61**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **83946E**, and **233313** is the 20% darker color. If you saturate the color by 10%, you get **4D6134**, and if you desaturate by 10%, it is **556148**.

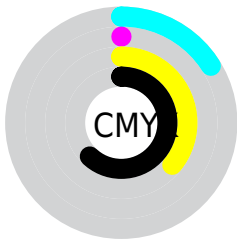
Distribution



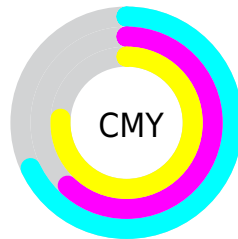
- Red (32%)
- Green (38%)
- Blue (24%)



- Red (24%)
- Yellow (38%)
- Blue (31%)



- Cyan (16%)
- Magenta (0%)
- Yellow (36%)
- Black (62%)



- Cyan (68%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51613E 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 51613E by changing the saturation by 10% instead.

■ 51613E

■ 51613E

FFFFFF

■ 3A4928

■ 83946E

■ 233313

■ 9DAE87

■ 0F1E00

■ B8CAA2

■ 000000

■ D4E6BD

■ F0FFD9

■ FFFFF5

■ 51613E

■ 51613E

■ 4D6134

■ 556148

■ 48612B

■ 5A6151

■ 446121

■ 5E615B

■ 3F6117

■ 636165

■ 3B610D

■ 67616E

■ 366104

■ 6C6178

■ 356100

■ 706182

■ 74618C

■ 796195

Harmonies

Analogous

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



645C38



51613E



3B644C

Triad

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



51613E



2B627C



7F4E59

Complementary

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



51613E



4E3E61

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.



76506B



51613E



485C7F

Square

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



51613E



196570



635679



7E5047

Rectangle

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



51613E



2C6559



635679



7D4E5F

Sweetspot

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



51613E



777D6F



614E3E



3C4037



BFBFBF



404040

Same Dimension

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



51613E



647D47



40613E



2E302C



3D7000



82F000

Inverse Universe

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



4E3E61



60477D



5F3E61



2E2C30



330070



6E00F0

Previews

White Background



This preview shows how the Hex color 51613E looks on a white background.

Color Contrast Check

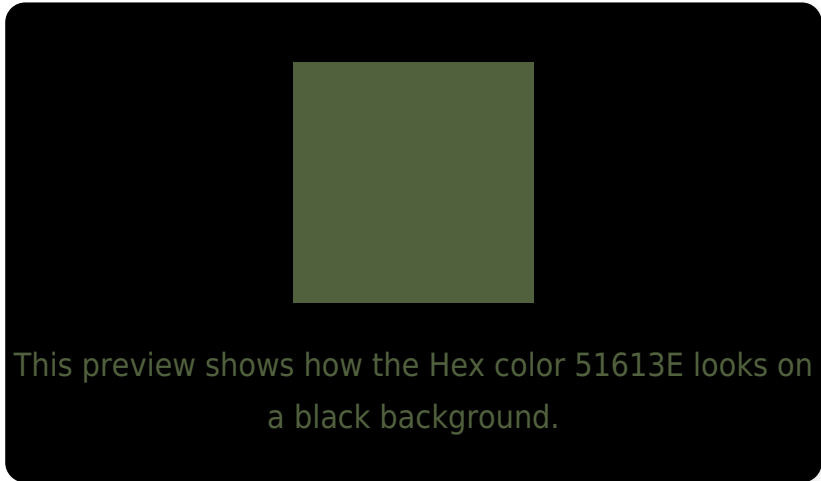
Large Text (above 18pt) WCAG AA ✓ Pass

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

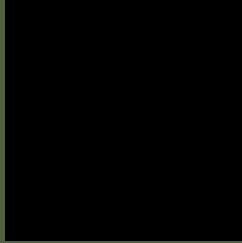
Any Text WCAG AA × Fail

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 51613E Background



This preview shows how black text looks on a background with the Hex color 51613E.



This preview shows how white text looks on a background with the Hex color 51613E.

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
51613E

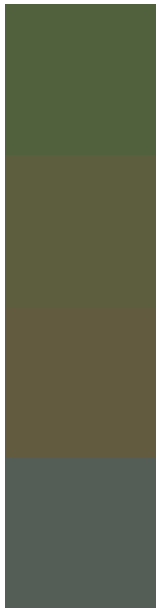
Protanopia
645C3C

Deuteranopia
6D5840



Tritanopia
565C64

Trichromacy



Original Color
51613E

Protanomaly
5D5E3D

Deuteranomaly
635B3F

Tritanomaly
545E56

Monochromacy



Original Color
51613E

Achromatopsia
585858

Achromatomaly
555B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 51613E 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 #51613E looks like.

```
.text, #text, p{  
    color:#51613E  
}
```

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 #51613E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51613E
}
```

Border

The CSS property to change the border of an element to Hex 51613E 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".

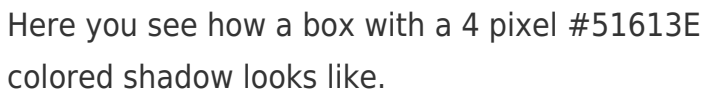
```
.border, #border, table{ border:4px solid
#51613E }
```

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

```
.border{ border-color:#51613E }
```

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

Here you see how a box with a 4 pixel #51613E 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 #51613E; -webkit-box-shadow:4px 4px  
4px 4px #51613E; box-shadow:4px 4px 4px  
4px #51613E }
```

Background

The CSS property to change the background color of an element to Hex 51613E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51613E }
```

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

```
.background{ background-color:#51613E }
```

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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