

Converting Colors

Hex(5E6040)

Have a look what the booklet for
Hex(5E6040) contains.

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Color

Hex(5E6040)

Conversions

Conversions Part 1

Format	Color
Hex	5E6040
RGB	94, 96, 64
RGB Percent	37%, 38%, 25%
CMY	0.6314, 0.6235, 0.7490
CMYK	0.02, 0.00, 0.33, 0.62
HSL	64°, 20%, 31%
HSV	64°, 33%, 38%
XYZ	9.7244, 11.1156, 6.4835
YIQ	91.7540, 9.0800, -10.3760

Conversions

Conversions Part 2

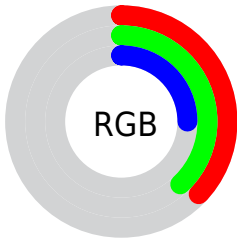
Format	Color
RYB	64, 96, 66
Decimal	6185024
CIELab	39.77, -6.55, 18.06
CIELCh	40, 19.216, 109.940
Yxy	11.1156, 0.3559, 0.4068
Android (android.graphics.Color)	4284375104 (0xFF5E6040)
YUV	91.7540, -13.6827, 1.9697
Hunter-Lab	33.3401, -6.2815, 11.8082

Details

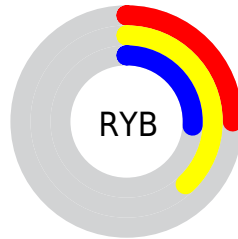
The Hex color **5E6040** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **424060**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **919270**, and **2F3215** is the 20% darker color. If you saturate the color by 10%, you get **5D6036**, and if you desaturate by 10%, it is **5F604A**.

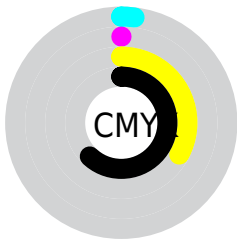
Distribution



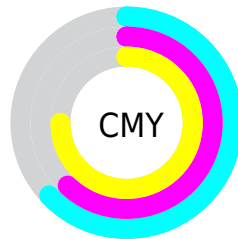
- Red (37%)
- Green (38%)
- Blue (25%)



- Red (25%)
- Yellow (38%)
- Blue (26%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (62%)



- Cyan (63%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6040 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 5E6040 by changing the saturation by 10% instead.

■ 5E6040

■ 5E6040

FFFFFF

■ 46482A

■ 919270

■ 2F3215

■ ACAD8A

■ 1C1D00

■ C7C8A4

■ 000000

■ E3E4BF

■ FFFFDB

■ FFFFF8

■ 5E6040

■ 5E6040

■ 5D6036

■ 5F604A

■ 5D602D

■ 5F6053

■ 5C6023

■ 60605D

■ 5C601A

■ 606066

■ 5B6010

■ 616070

■ 5A6006

■ 62607A

■ 5A6000

■ 626083

■ 63608D

■ 636096

Harmonies

Analogous

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



6E5B3F



5E6040



4C6449

Triad

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



5E6040



2F6575



795364

Complementary

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



5E6040



424060

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.



6D5672



5E6040



42617C

Square

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



5E6040



2D6668



595C7B



7D5254

Rectangle

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



5E6040



406652



595C7B



765369

Sweetspot

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



5E6040



7C7D70



604240



3F4038



BFBFBF



404040

Same Dimension

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



5E6040



7A7D4B



4E6040



30302C



697000



E1F000

Inverse Universe

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



424060



4E4B7D



524060



2C2C30



070070



0F00F0

Previews

White Background



This preview shows how the Hex color 5E6040 looks on a white background.

Color Contrast Check

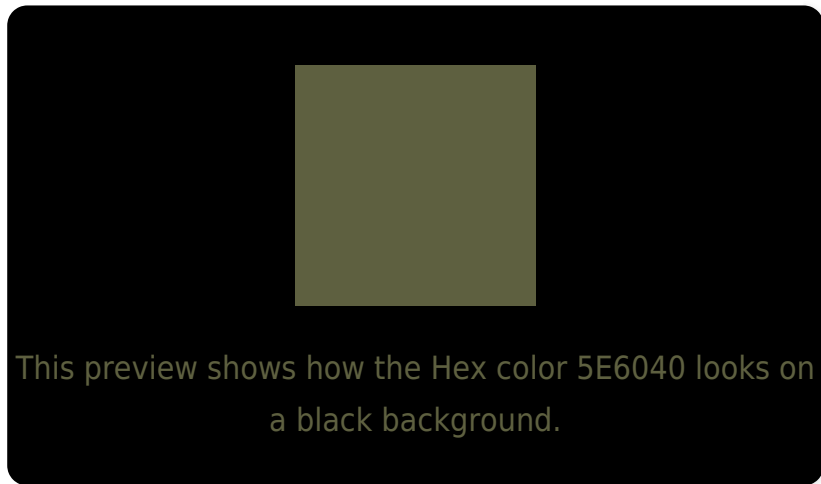
Large Text (above 18pt) WCAG AA ✓ Pass

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

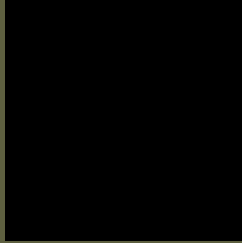
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

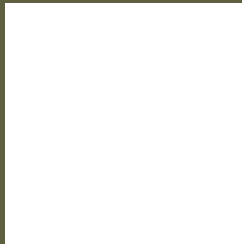
Any Text WCAG AAA × Fail

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

Hex 5E6040 Background



This preview shows how black text looks on a background with the Hex color 5E6040.



This preview shows how white text looks on a background with the Hex color 5E6040.

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


5E6040

Protanopia

655E3F

Deuteranopia

705A41



Tritanopia
625C63

Trichromacy



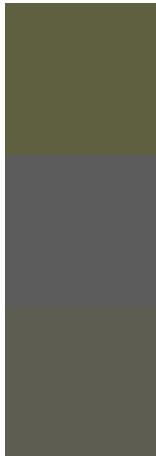
Original Color
5E6040

Protanomaly
625F3F

Deuteranomaly
695C41

Tritanomaly
615D56

Monochromacy



Original Color
5E6040

Achromatopsia
5C5C5C

Achromatomaly
5D5D52

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6040 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 #5E6040 looks like.

```
.text, #text, p{  
    color:#5E6040  
}
```

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 #5E6040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6040
}
```

Border

The CSS property to change the border of an element to Hex 5E6040 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
#5E6040 }
```

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

```
.border{ border-color:#5E6040 }
```

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

Here you see how a box with a 4 pixel #5E6040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6040; -webkit-box-shadow:4px 4px  
4px 4px #5E6040; box-shadow:4px 4px 4px  
4px #5E6040 }
```

Background

The CSS property to change the background color of an element to Hex 5E6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6040 }
```

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

```
.background{ background-color:#5E6040 }
```

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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