

Converting Colors

Hex(5E662A)

Have a look what the booklet for
Hex(5E662A) contains.

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Color

Hex(5E662A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5E662A |
| RGB | 94, 102, 42 |
| RGB Percent | 37%, 40%, 16% |
| CMY | 0.6314, 0.6000, 0.8353 |
| CMYK | 0.08, 0.00, 0.59, 0.60 |
| HSL | 68°, 42%, 28% |
| HSV | 68°, 59%, 40% |
| XYZ | 9.7854, 12.0496, 4.0005 |
| YIQ | 92.7680, 14.4920, -20.3560 |

Conversions

Conversions Part 2

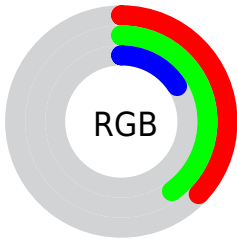
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 42, 102, 50 |
| Decimal | 6186538 |
| CIE Lab | 41.29, -12.62, 32.30 |
| CIE LCh | 41, 34.673, 111.342 |
| Yxy | 12.0496, 0.3788, 0.4664 |
| Android (android.graphics.Color) | 4284376618 (0xFF5E662A) |
| YUV | 92.7680, -25.0286, 1.0805 |
| Hunter-Lab | 34.7125, -10.4282, 17.4657 |

Details

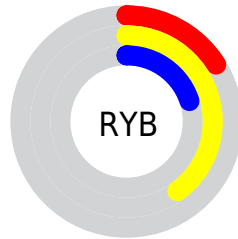
The Hex color **5E662A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **322A66**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **92995A**, and **2E3700** is the 20% darker color. If you saturate the color by 10%, you get **5D6620**, and if you desaturate by 10%, it is **5F6634**.

Distribution



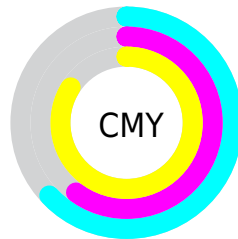
- Red (37%)
- Green (40%)
- Blue (16%)



- Red (16%)
- Yellow (40%)
- Blue (20%)



- Cyan (8%)
- Magenta (0%)
- Yellow (59%)
- Black (60%)



- Cyan (63%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E662A 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 5E662A by changing the saturation by 10% instead.



5E662A



5E662A

FFFFFF



454E13



92995A



2E3700



ADB473



172200



C9CF8D



000900



E5EBA8



000000



FFFFC3



FFFFDF



FFFFFC



5E662A



5E662A

■ 5D6620

■ 5F6634

■ 5B6616

■ 61663E

■ 5A660B

■ 626649

■ 596601

■ 636653

■ 586600

■ 65665D

■ 666667

■ 686671

■ 69667C

■ 6A6686

Harmonies

Analogous

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



795D28



5E662A



3C6C3C

Triad

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



5E662A



006D8D



924A6B

Complementary

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



5E662A



322A66

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.



7C5285



5E662A



0A6799

Square

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



5E662A



007075



565D96



974A4E

Rectangle

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



5E662A



1B6F4E



565D96



8D4C74

Sweetspot

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



5E662A



81856D



66322A



404234



C2C2C2



424242

Same Dimension

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



5E662A



788526



40662A



32332E



637300



D2F200

Inverse Universe

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



322A66



332685



502A66



2F2E33



0F0073



2000F2

Previews

White Background



This preview shows how the Hex color 5E662A looks on a white background.

Color Contrast Check

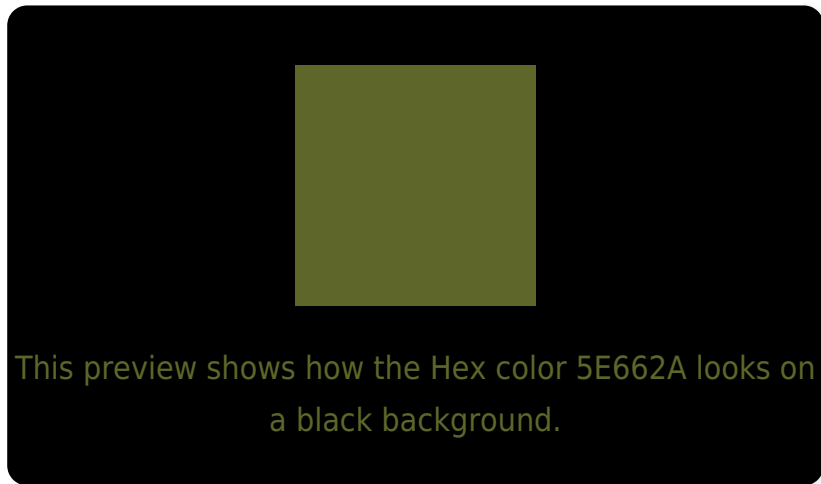
Large Text (above 18pt) WCAG AA ✓ Pass

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

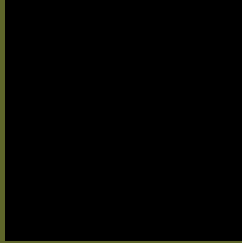
Any Text WCAG AA × Fail

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 5E662A Background



This preview shows how black text looks on a background with the Hex color 5E662A.



This preview shows how white text looks on a background with the Hex color 5E662A.

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
5E662A

Protanopia
6C6129

Deuteranopia
785D2D



Tritanopia
646067

Trichromacy



Original Color
5E662A

Protanomaly
676329

Deuteranomaly
6F602C

Tritanomaly
626251

Monochromacy



Original Color
5E662A

Achromatopsia
5D5D5D

Achromatomaly
5D604A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E662A 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 #5E662A looks like.

```
.text, #text, p{  
    color:#5E662A  
}
```

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 #5E662A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E662A
}
```

Border

The CSS property to change the border of an element to Hex 5E662A 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
#5E662A }
```

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

```
.border{ border-color:#5E662A }
```

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

Here you see how a box with a 4 pixel #5E662A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E662A; -webkit-box-shadow:4px 4px  
4px 4px #5E662A; box-shadow:4px 4px 4px  
4px #5E662A }
```

Background

The CSS property to change the background color of an element to Hex 5E662A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E662A }
```

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

```
.background{ background-color:#5E662A }
```

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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