

Converting Colors

Hex(5E762B)

Have a look what the booklet for
Hex(5E762B) contains.

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Color

Hex(5E762B)

Conversions

Conversions Part 1

Format	Color
Hex	5E762B
RGB	94, 118, 43
RGB Percent	37%, 46%, 17%
CMY	0.6314, 0.5373, 0.8314
CMYK	0.20, 0.00, 0.64, 0.54
HSL	79°, 47%, 32%
HSV	79°, 64%, 46%
XYZ	11.5306, 15.5110, 4.6717
YIQ	102.2740, 9.7710, -28.4130

Conversions

Conversions Part 2

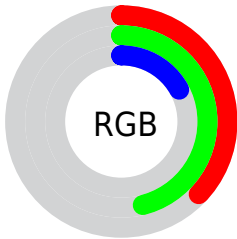
Format	Color
RYB	43, 118, 67
Decimal	6190635
CIELab	46.33, -21.13, 37.44
CIElCh	46, 42.993, 119.437
Yxy	15.5110, 0.3636, 0.4891
Android (android.graphics.Color)	4284380715 (0xFF5E762B)
YUV	102.2740, -29.2221, -7.2563
Hunter-Lab	39.3840, -16.6619, 20.5359

Details

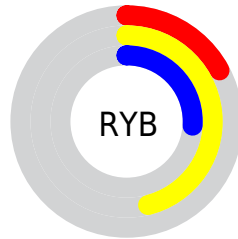
The Hex color **5E762B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **432B76**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **92AA5C**, and **2D4600** is the 20% darker color. If you saturate the color by 10%, you get **5A761F**, and if you desaturate by 10%, it is **627637**.

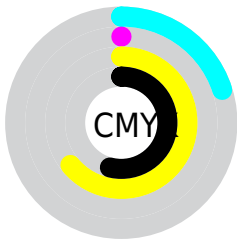
Distribution



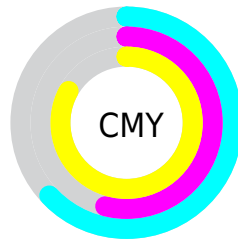
- Red (37%)
- Green (46%)
- Blue (17%)



- Red (17%)
- Yellow (46%)
- Blue (26%)



- Cyan (20%)
- Magenta (0%)
- Yellow (64%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E762B 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 5E762B by changing the saturation by 10% instead.

 5E762B

 5E762B

FFFFFF

 455D12

 92AA5C

 2D4600

 AEC675

 152F00

 CAE290

 001C00

 E6FEAB

 000000

 FFFFC6

 FFFF E3

 5E762B

 5E762B

 5A761F

 627637

■ 567613

■ 667643

■ 537608

■ 69764E

■ 507600

■ 6D765A

■ 717666

■ 757672

■ 78767E

■ 7C7689

■ 807695

Harmonies

Analogous

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



826C21



5E762B



2C7C47

Triad

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



5E762B



007BAB



AE4D70

Complementary

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



5E762B



432B76

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.



995693



5E762B



1272B6

Square

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



5E762B



007F90



6E65AD



AE514C

Rectangle

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



5E762B



007F5F



6E65AD



A94F7C

Sweetspot

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



5E762B



90997C



76432B



474D3B



CCCCCC



4D4D4D

Same Dimension

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



5E762B



749925



39762B



393B35



537A00



AAFA00

Inverse Universe

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



432B76



4A2599



682B76



37353B



27007A



5000FA

Previews

White Background



This preview shows how the Hex color 5E762B 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

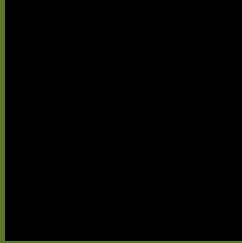
Any Text WCAG AA × Fail

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 5E762B Background



This preview shows how black text looks on a background with the Hex color 5E762B.



This preview shows how white text looks on a background with the Hex color 5E762B.

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
5E762B

Protanopia
7A6E29

Deuteranopia
88682F



Tritanopia
676E77

Trichromacy



Original Color
5E762B

Protanomaly
70712A

Deuteranomaly
796D2E

Tritanomaly
64715B

Monochromacy



Original Color
5E762B

Achromatopsia
666666

Achromatomaly
636C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E762B 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 #5E762B looks like.

```
.text, #text, p{  
    color:#5E762B  
}
```

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 #5E762B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E762B
}
```

Border

The CSS property to change the border of an element to Hex 5E762B 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
#5E762B }
```

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

```
.border{ border-color:#5E762B }
```

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

Here you see how a box with a 4 pixel #5E762B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E762B; -webkit-box-shadow:4px 4px  
4px 4px #5E762B; box-shadow:4px 4px 4px  
4px #5E762B }
```

Background

The CSS property to change the background color of an element to Hex 5E762B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E762B }
```

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

```
.background{ background-color:#5E762B }
```

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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