

Converting Colors

Hex(5E8339)

Have a look what the booklet for
Hex(5E8339) contains.

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Color

Hex(5E8339)

Conversions

Conversions Part 1

Format	Color
Hex	5E8339
RGB	94, 131, 57
RGB Percent	37%, 51%, 22%
CMY	0.6314, 0.4863, 0.7765
CMYK	0.28, 0.00, 0.56, 0.49
HSL	90°, 39%, 37%
HSV	90°, 56%, 51%
XYZ	13.4709, 18.9077, 6.8105
YIQ	111.5010, 1.7020, -30.8580

Conversions

Conversions Part 2

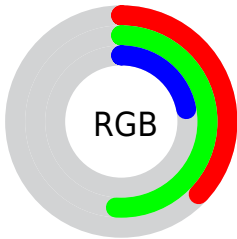
Format	Color
RYB	57, 131, 94
Decimal	6193977
CIELab	50.58, -26.29, 35.40
CIElCh	51, 44.095, 126.598
Yxy	18.9077, 0.3437, 0.4825
Android (android.graphics.Color)	4284384057 (0xFF5E8339)
YUV	111.5010, -26.8690, -15.3484
Hunter-Lab	43.4830, -20.7964, 21.1519

Details

The Hex color **5E8339** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5E3983**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **92B86A**, and **2C5107** is the 20% darker color. If you saturate the color by 10%, you get **57832C**, and if you desaturate by 10%, it is **658346**.

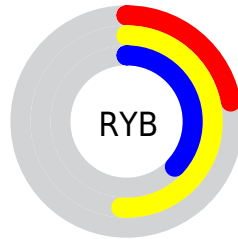
Distribution



Red (37%)

Green (51%)

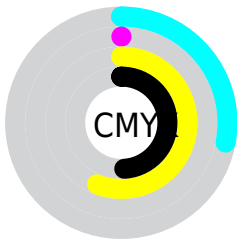
Blue (22%)



Red (22%)

Yellow (51%)

Blue (37%)

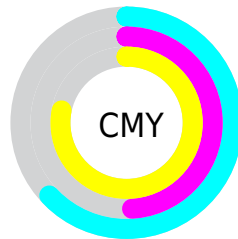


Cyan (28%)

Magenta (0%)

Yellow (56%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8339 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 5E8339 by changing the saturation by 10% instead.



5E8339



5E8339

FFFFFF



456A21



92B86A



2C5107



AED484



153A00



CAF09F



002400



E6FFBA



000400



FFFFD6



000000



FFFFF3



5E8339



5E8339



57832C



658346

■ 51831F

■ 6B8353

■ 4A8312

■ 728360

■ 448305

■ 78836D

■ 428300

■ 7F837A

■ 858388

■ 8C8395

■ 9283A2

■ 9983AF

Harmonies

Analogous

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



867929



5E8339



228959

Triad

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



5E8339



0084BD



BD5772

Complementary

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



5E8339



5E3983

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.



AD5D97



5E8339



417AC3

Square

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



5E8339



008AA4



866BB5



B95E4E

Rectangle

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



5E8339



008B73



866BB5



BA587E

Sweetspot

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



5E8339



9CAB8E



835E39



4E5745



D6D6D6



575757

Same Dimension

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



5E8339



71AB37



398339



3F423C



418200



010300

Inverse Universe

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



5E3983



7137AB



833983



3F3C42



410082



010003

Previews

White Background



This preview shows how the Hex color 5E8339 looks on a white 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

Black 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

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

Hex 5E8339 Background



This preview shows how black text looks on a background with the Hex color 5E8339.



This preview shows how white text looks on a background with the Hex color 5E8339.

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





Tritanopia
697B85

Trichromacy



Original Color
5E8339

Protanomaly
777C37

Deuteranomaly
80783C

Tritanomaly
657E69

Monochromacy



Original Color
5E8339

Achromatopsia
707070

Achromatomaly
69775C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8339 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 #5E8339 looks like.

```
.text, #text, p{  
    color:#5E8339  
}
```

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 #5E8339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8339
}
```

Border

The CSS property to change the border of an element to Hex 5E8339 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
#5E8339 }
```

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

```
.border{ border-color:#5E8339 }
```

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

Here you see how a box with a 4 pixel #5E8339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8339; -webkit-box-shadow:4px 4px  
4px 4px #5E8339; box-shadow:4px 4px 4px  
4px #5E8339 }
```

Background

The CSS property to change the background color of an element to Hex 5E8339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8339 }
```

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

```
.background{ background-color:#5E8339 }
```

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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