

Converting Colors

Hex(5E8439)

Have a look what the booklet for
Hex(5E8439) contains.

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Color

Hex(5E8439)

Conversions

Conversions Part 1

Format	Color
Hex	5E8439
RGB	94, 132, 57
RGB Percent	37%, 52%, 22%
CMY	0.6314, 0.4824, 0.7765
CMYK	0.29, 0.00, 0.57, 0.48
HSL	90°, 40%, 37%
HSV	90°, 57%, 52%
XYZ	13.6059, 19.1776, 6.8554
YIQ	112.0880, 1.4270, -31.3810

Conversions

Conversions Part 2

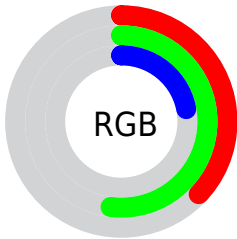
Format	Color
RYB	57, 132, 95
Decimal	6194233
CIELab	50.89, -26.78, 35.77
CIELCh	51, 44.685, 126.822
Yxy	19.1776, 0.3432, 0.4838
Android (android.graphics.Color)	4284384313 (0xFF5E8439)
YUV	112.0880, -27.1584, -15.8632
Hunter-Lab	43.7923, -21.1780, 21.3731

Details

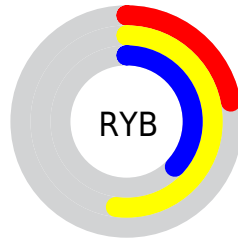
The Hex color **5E8439** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5F3984**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **92B96A**, and **2C5207** is the 20% darker color. If you saturate the color by 10%, you get **57842C**, and if you desaturate by 10%, it is **658446**.

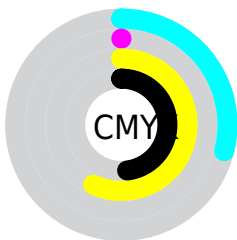
Distribution



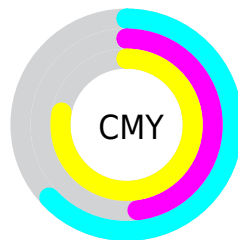
- Red (37%)
- Green (52%)
- Blue (22%)



- Red (22%)
- Yellow (52%)
- Blue (37%)



- Cyan (29%)
- Magenta (0%)
- Yellow (57%)
- Black (48%)



- Cyan (63%)
- Magenta (48%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8439 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 5E8439 by changing the saturation by 10% instead.

 5E8439

 5E8439

FFFFFF

 456B21

 92B96A

 2C5207

 AED584

 153B00

 CAF29F

 002500

 E6FFBA

 000600

 FFFFD6

 000000

 FFFFF3

 5E8439

 5E8439

 57842C

 658446

■ 51841F

■ 6B8453

■ 4A8411

■ 728461

■ 438404

■ 79846E

■ 418400

■ 7F847B

■ 868488

■ 8D8495

■ 9484A3

■ 9A84B0

Harmonies

Analogous

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



867A29



5E8439



208A5A

Triad

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



5E8439



0085BF



BF5772

Complementary

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



5E8439



5F3984

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.



AF5D98



5E8439



417AC5

Square

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



5E8439



008BA6



876CB6



BB5E4E

Rectangle

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



5E8439



008C74



876CB6



BC587F

Sweetspot

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



5E8439



9CAB8E



845F39



4E5745



D6D6D6



575757

Same Dimension

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



5E8439



70AB37



398439



3F423C



408200



010300

Inverse Universe

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



5F3984



7237AB



843984



3F3C42



420082



010003

Previews

White Background



This preview shows how the Hex color 5E8439 looks on a white background.

Color Contrast Check

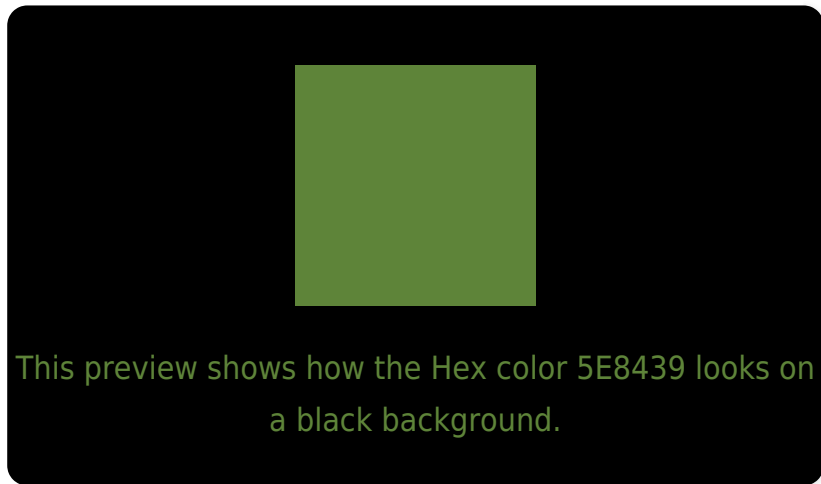
Large Text (above 18pt) WCAG AA ✓ Pass

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

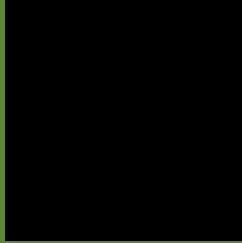
Any Text WCAG AA ✓ Pass

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 5E8439 Background



This preview shows how black text looks on a background with the Hex color 5E8439.



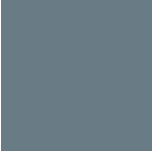
This preview shows how white text looks on a background with the Hex color 5E8439.

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
697C86

Trichromacy



Original Color
5E8439

Protanomaly
777D37

Deuteranomaly
80793C

Tritanomaly
657F6A

Monochromacy



Original Color
5E8439

Achromatopsia
707070

Achromatomaly
69775C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8439 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 #5E8439 looks like.

```
.text, #text, p{  
    color:#5E8439  
}
```

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 #5E8439 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8439
}
```

Border

The CSS property to change the border of an element to Hex 5E8439 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
#5E8439 }
```

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

```
.border{ border-color:#5E8439 }
```

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

Here you see how a box with a 4 pixel #5E8439 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8439; -webkit-box-shadow:4px 4px  
4px 4px #5E8439; box-shadow:4px 4px 4px  
4px #5E8439 }
```

Background

The CSS property to change the background color of an element to Hex 5E8439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8439 }
```

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

```
.background{ background-color:#5E8439 }
```

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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