

Converting Colors

Hex(5E8421)

Have a look what the booklet for
Hex(5E8421) contains.

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Color

Hex(5E8421)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5E8421 |
| RGB | 94, 132, 33 |
| RGB Percent | 37%, 52%, 13% |
| CMY | 0.6314, 0.4824, 0.8706 |
| CMYK | 0.29, 0.00, 0.75, 0.48 |
| HSL | 83°, 60%, 32% |
| HSV | 83°, 75%, 52% |
| XYZ | 13.1419, 18.9920, 4.4120 |
| YIQ | 109.3520, 9.1310, -38.8450 |

Conversions

Conversions Part 2

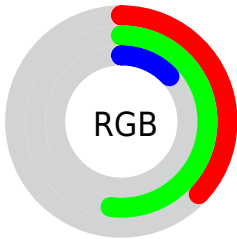
| Format | Color |
|-------------------------------------|--|
| RYB | 33, 132, 71 |
| Decimal | 6194209 |
| CIELab | 50.68, -28.86, 46.27 |
| CIElCh | 51, 54.528, 121.951 |
| Yxy | 18.9920, 0.3596, 0.5197 |
| Android (android.graphics.Color) | 4284384289 (0xFF5E8421) |
| YUV | 109.3520, -37.6415, -13.4637 |
| Hunter-Lab | 43.5798, -22.4365, 24.5034 |

Details

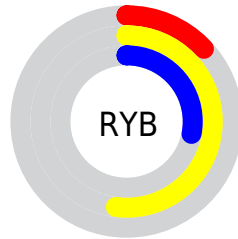
The Hex color **5E8421** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **472184**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **93B955**, and **2B5200** is the 20% darker color. If you saturate the color by 10%, you get **598414**, and if you desaturate by 10%, it is **63842E**.

Distribution



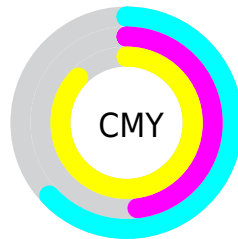
- Red (37%)
- Green (52%)
- Blue (13%)



- Red (13%)
- Yellow (52%)
- Blue (28%)



- Cyan (29%)
- Magenta (0%)
- Yellow (75%)
- Black (48%)



- Cyan (63%)
- Magenta (48%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8421 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 5E8421 by changing the saturation by 10% instead.



5E8421



5E8421

FFFFFF



446B00



93B955



2B5200



AFD56F



0F3B00



CBF289



002500



E8FFA4



000500



FFFFC0



000000



FFFFDC



FFFFF9



5E8421



5E8421

■ 598414

■ 63842E

■ 548407

■ 68843B

■ 518400

■ 6D8449

■ 728456

■ 778463

■ 7C8470

■ 81847D

■ 87848B

■ 8C8498

Harmonies

Analogous

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



8D770A



5E8421



008B4B

Triad

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



5E8421



0089CA



CB4B78

Complementary

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



5E8421



472184

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.



B356A5



5E8421



007DD6

Square

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



5E8421



008EA9



7C6BC8



C8534A

Rectangle

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



5E8421



008E6A



7C6BC8



C64D87

Sweetspot

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



5E8421



9CAB84



844721



4D573E



D6D6D6



575757

Same Dimension

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



5E8421



70AB11



2D8421



40423C



508200



020300

Inverse Universe

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



472184



4C11AB



782184



3E3C42



320082



010003

Previews

White Background



This preview shows how the Hex color 5E8421 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

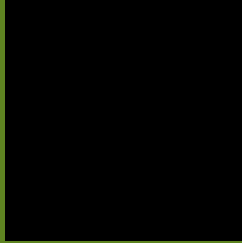
Any Text WCAG AA ✓ Pass

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 5E8421 Background



This preview shows how black text looks on a background with the Hex color 5E8421.



This preview shows how white text looks on a background with the Hex color 5E8421.

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
5E8421

Protanopia
87791E

Deuteranopia
967228



Tritanopia
6A7B85

Trichromacy



Original Color
5E8421

Protanomaly
787D1F

Deuteranomaly
827925

Tritanomaly
667E61

Monochromacy



Original Color
5E8421

Achromatopsia
6D6D6D

Achromatomaly
687551

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8421 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 #5E8421 looks like.

```
.text, #text, p{  
    color:#5E8421  
}
```

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 #5E8421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8421
}
```

Border

The CSS property to change the border of an element to Hex 5E8421 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
#5E8421 }
```

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

```
.border{ border-color:#5E8421 }
```

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

Here you see how a box with a 4 pixel #5E8421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8421; -webkit-box-shadow:4px 4px  
4px 4px #5E8421; box-shadow:4px 4px 4px  
4px #5E8421 }
```

Background

The CSS property to change the background color of an element to Hex 5E8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8421 }
```

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

```
.background{ background-color:#5E8421 }
```

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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