

Converting Colors

Hex(5A6339)

Have a look what the booklet for
Hex(5A6339) contains.

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Color

Hex(5A6339)

Conversions

Conversions Part 1

Format	Color
Hex	5A6339
RGB	90, 99, 57
RGB Percent	35%, 39%, 22%
CMY	0.6471, 0.6118, 0.7765
CMYK	0.09, 0.00, 0.42, 0.61
HSL	73°, 27%, 31%
HSV	73°, 42%, 39%
XYZ	9.4168, 11.3927, 5.5736
YIQ	91.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

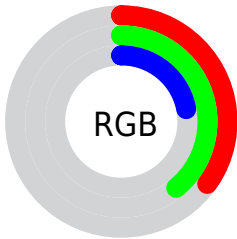
Format	Color
RYB	57, 99, 66
Decimal	5923641
CIELab	40.23, -11.03, 22.70
CIELCh	40, 25.233, 115.914
Yxy	11.3927, 0.3569, 0.4318
Android (android.graphics.Color)	4284113721 (0xFF5A6339)
YUV	91.5210, -17.0189, -1.3339
Hunter-Lab	33.7531, -9.2682, 13.8367

Details

The Hex color **5A6339** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **423963**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8D9669**, and **2B350D** is the 20% darker color. If you saturate the color by 10%, you get **58632F**, and if you desaturate by 10%, it is **5C6343**.

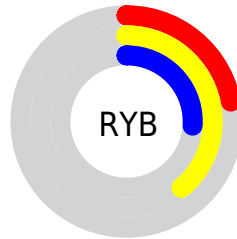
Distribution



 Red (35%)

 Green (39%)

 Blue (22%)




 Red (22%)

 Yellow (39%)

 Blue (26%)

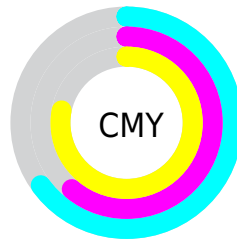


 Cyan (9%)

 Magenta (0%)

 Yellow (42%)

 Black (61%)



 Cyan (65%)

 Magenta (61%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6339 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 5A6339 by changing the saturation by 10% instead.



5A6339



5A6339

FFFFFF



424B23



8D9669



2B350D



A7B082



171F00



C3CC9C



000200



DFE8B7



000000



FCFFD3



FFFFEF



5A6339



5A6339



58632F



5C6343

■ 566325

■ 5E634D

■ 54631B

■ 606357

■ 526311

■ 626361

■ 4F6308

■ 65636B

■ 4E6300

■ 676374

■ 69637E

■ 6B6388

■ 6D6392

Harmonies

Analogous

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



6F5D35



5A6339



426747

Triad

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



5A6339



146780



844F62

Complementary

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



5A6339



423963

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.



765376



5A6339



3B6288

Square

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



5A6339



026A70



5D5B84



87504E

Rectangle

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



5A6339



306954



5D5B84



815069

Sweetspot

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



5A6339



7C806F



634139



3E4036



BFBFBF



404040

Same Dimension

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



5A6339



72803E



466339



2F302C



587000



BCF000

Inverse Universe

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



423963



4C3E80



563963



2D2C30



180070



3300F0

Previews

White Background



This preview shows how the Hex color 5A6339 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

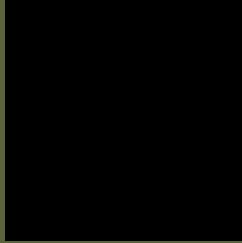
Any Text WCAG AA × Fail

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 5A6339 Background



This preview shows how black text looks on a background with the Hex color 5A6339.



This preview shows how white text looks on a background with the Hex color 5A6339.

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
5A6339

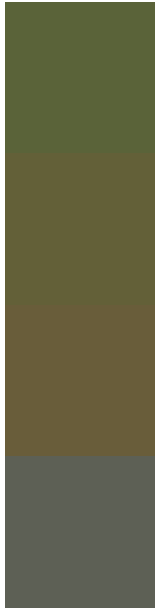
Protanopia
685F37

Deuteranopia
725A3B



Tritanopia
5F5E65

Trichromacy



Original Color
5A6339

Protanomaly
636038

Deuteranomaly
695D3A

Tritanomaly
5D6055

Monochromacy



Original Color
5A6339

Achromatopsia
5C5C5C

Achromatomaly
5B5F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6339 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 #5A6339 looks like.

```
.text, #text, p{  
    color:#5A6339  
}
```

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 #5A6339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6339
}
```

Border

The CSS property to change the border of an element to Hex 5A6339 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
#5A6339 }
```

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

```
.border{ border-color:#5A6339 }
```

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

Here you see how a box with a 4 pixel #5A6339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6339; -webkit-box-shadow:4px 4px  
4px 4px #5A6339; box-shadow:4px 4px 4px  
4px #5A6339 }
```

Background

The CSS property to change the background color of an element to Hex 5A6339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6339 }
```

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

```
.background{ background-color:#5A6339 }
```

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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