

Converting Colors

Hex(B59938)

Have a look what the booklet for
Hex(B59938) contains.

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Color

Hex(B59938)

Conversions

Conversions Part 1

Format	Color
Hex	B59938
RGB	181, 153, 56
RGB Percent	71%, 60%, 22%
CMY	0.2902, 0.4000, 0.7804
CMYK	0.00, 0.15, 0.69, 0.29
HSL	47°, 53%, 46%
HSV	47°, 69%, 71%
XYZ	31.1611, 32.8917, 8.4478
YIQ	150.3140, 47.8250, -24.2310

Conversions

Conversions Part 2

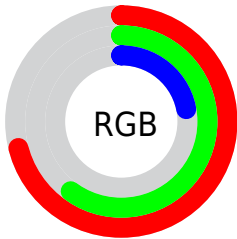
Format	Color
RYB	92, 181, 56
Decimal	11901240
CIELab	64.07, -0.37, 52.76
CIELCh	64, 52.757, 90.406
Yxy	32.8917, 0.4298, 0.4537
Android (android.graphics.Color)	4290091320 (0xFFB59938)
YUV	150.3140, -46.4968, 26.9116
Hunter-Lab	57.3513, -3.3792, 31.4126

Details

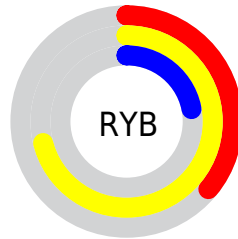
The Hex color **B59938** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3854B5**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F0CF6C**, and **7D6600** is the 20% darker color. If you saturate the color by 10%, you get **B59526**, and if you desaturate by 10%, it is **B59D4A**.

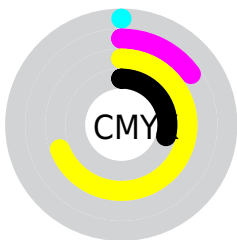
Distribution



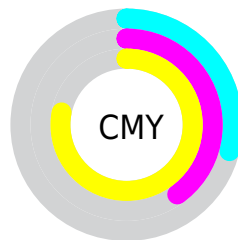
- Red (71%)
- Green (60%)
- Blue (22%)



- Red (36%)
- Yellow (71%)
- Blue (22%)



- Cyan (0%)
- Magenta (15%)
- Yellow (69%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B59938 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 B59938 by changing the saturation by 10% instead.

 B59938

 B59938

FFFFFF

 987F1D

 F0CF6C

 7D6600

 FFE887

 614F00

 FFFFA2

 473800

 FFFFBE

 2D2300

 FFFFDA

 130E00

 FFFFF7

 000000

 B59938

 B59938

 B59526

 B59D4A

 B59114

 B5A15C

 B58D02

 B5A56E

 B58C00

 B5A980

 B5AD93

 B5B1A5

 B5B5B7

 B5B9C9

 B5BDDB

Harmonies

Analogous

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



DA8849



B59938



85A646

Triad

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



B59938



00B2CA



D57CCB

Complementary

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



B59938



3854B5

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.



9E8FED



B59938



00ACEC

Square

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



B59938



00B29A



38A0F9



F0729D

Rectangle

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



B59938



5EAD5D



38A0F9



C682D8

Sweetspot

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



B59938



EBE0B9



B53855



756F58



F5F5F5



757575

Same Dimension

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



B59938



EBBF28



94B538



595750



997700



1A1400

Inverse Universe

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



3854B5



2853EB



5938B5



505259



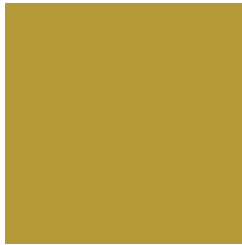
002299



00061A

Previews

White Background



This preview shows how the Hex color B59938 looks on a white background.

Color Contrast Check

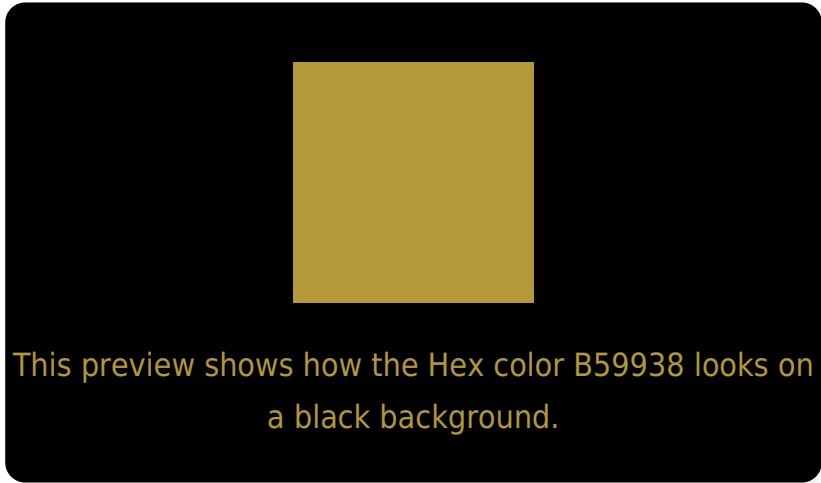
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex B59938 Background



This preview shows how black text looks on a background with the Hex color B59938.



This preview shows how white text looks on a background with the Hex color B59938.

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
B59938

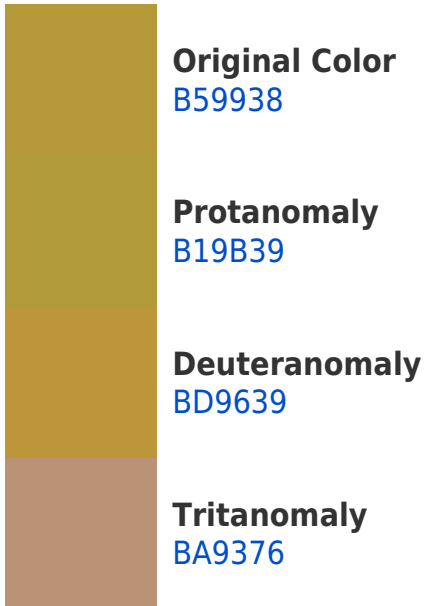
Protanopia
AE9C39

Deuteranopia
C2943A

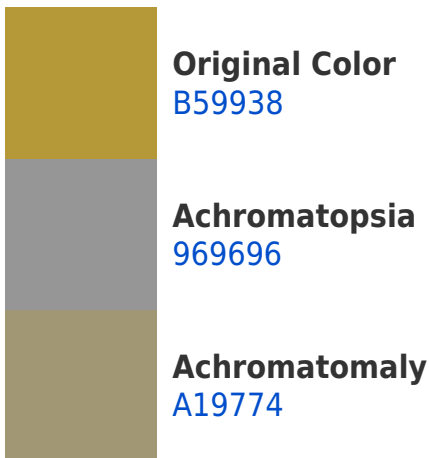


Tritanopia
BD8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B59938 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 #B59938 looks like.

```
.text, #text, p{  
    color:#B59938  
}
```

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 #B59938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59938
}
```

Border

The CSS property to change the border of an element to Hex B59938 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
#B59938 }
```

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

```
.border{ border-color:#B59938 }
```

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

Here you see how a box with a 4 pixel #B59938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59938; -webkit-box-shadow:4px 4px  
4px 4px #B59938; box-shadow:4px 4px 4px  
4px #B59938 }
```

Background

The CSS property to change the background color of an element to Hex B59938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59938 }
```

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

```
.background{ background-color:#B59938 }
```

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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