

Converting Colors

Hex(B19F33)

Have a look what the booklet for
Hex(B19F33) contains.

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Color

Hex(B19F33)

Conversions

Conversions Part 1

Format	Color
Hex	B19F33
RGB	177, 159, 51
RGB Percent	69%, 62%, 20%
CMY	0.3059, 0.3765, 0.8000
CMYK	0.00, 0.10, 0.71, 0.31
HSL	51°, 55%, 45%
HSV	51°, 71%, 69%
XYZ	31.1271, 34.3824, 8.1279
YIQ	152.0700, 45.3960, -29.7720

Conversions

Conversions Part 2

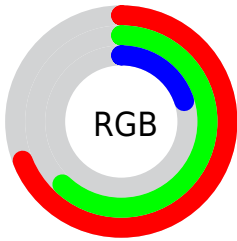
Format	Color
RYB	72, 177, 51
Decimal	11640627
CIELab	65.26, -5.64, 55.90
CIELCh	65, 56.184, 95.758
Yxy	34.3824, 0.4227, 0.4669
Android (android.graphics.Color)	4289830707 (0xFFB19F33)
YUV	152.0700, -49.8275, 21.8636
Hunter-Lab	58.6365, -7.8573, 32.8271

Details

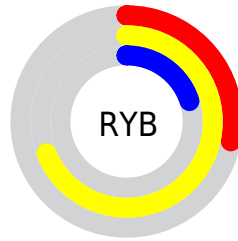
The Hex color **B19F33** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3345B1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **EBD568**, and **796C00** is the 20% darker color. If you saturate the color by 10%, you get **B19C21**, and if you desaturate by 10%, it is **B1A245**.

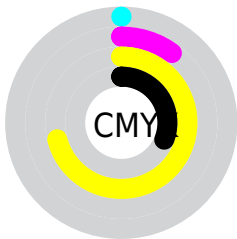
Distribution



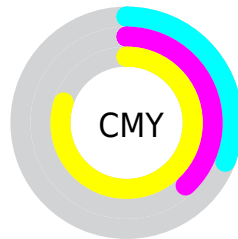
- Red (69%)
- Green (62%)
- Blue (20%)



- Red (28%)
- Yellow (69%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (71%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B19F33 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 B19F33 by changing the saturation by 10% instead.

 B19F33

 B19F33

FFFFFF

 958515

 EBD568

 796C00

 FFF283

 5E5400

 FFFF9E

 433D00

 FFFFBA

 2A2800

 FFFFD6

 0E1400

 FFFFF3

 000000

 B19F33

 B19F33

 B19C21

 B1A245

 B19A10

 B1A456

 B19800

 B1A768

 B1A97A

 B1AC8B

 B1AE9D

 B1B1AF

 B1B3C1

 B1B6D2

Harmonies

Analogous

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



DB8D41



B19F33



7CAC48

Triad

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



B19F33



00B6D8



E379C9

Complementary

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



B19F33



3345B1

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.



AE8DF0



B19F33



00AFFA

Square

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



B19F33



00B7A7



4CA1FF



FA7197

Rectangle

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



B19F33



4EB263



4CA1FF



D57FD8

Sweetspot

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



B19F33



E6DFB5



B13346



736F56



F2F2F2



737373

Same Dimension

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



B19F33



E6CA22



85B133



595850



998300



1A1600

Inverse Universe

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



3345B1



223EE6



5F33B1



505259



001699



00041A

Previews

White Background



This preview shows how the Hex color B19F33 looks on a white background.

Color Contrast Check

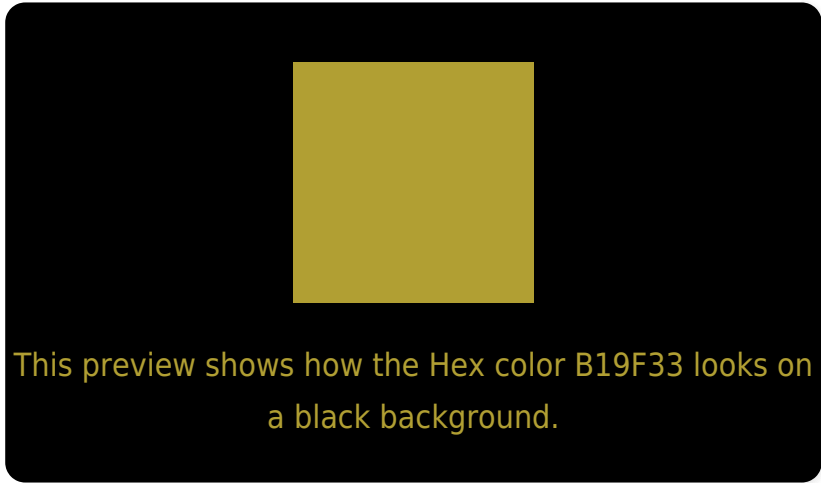
Large Text (above 18pt) WCAG AA × Fail

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 B19F33 Background



This preview shows how black text looks on a background with the Hex color B19F33.



This preview shows how white text looks on a background with the Hex color B19F33.

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
B19F33

Protanopia
B19F33

Deuteranopia
C69736

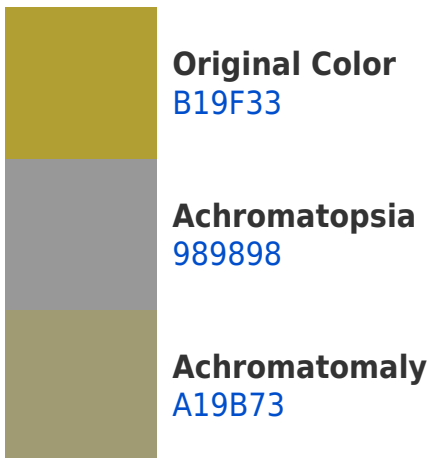


Tritanopia
BA95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B19F33 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 #B19F33 looks like.

```
.text, #text, p{  
    color:#B19F33  
}
```

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 #B19F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B19F33
}
```

Border

The CSS property to change the border of an element to Hex B19F33 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
#B19F33 }
```

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

```
.border{ border-color:#B19F33 }
```

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

Here you see how a box with a 4 pixel #B19F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B19F33; -webkit-box-shadow:4px 4px  
4px 4px #B19F33; box-shadow:4px 4px 4px  
4px #B19F33 }
```

Background

The CSS property to change the background color of an element to Hex B19F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B19F33 }
```

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

```
.background{ background-color:#B19F33 }
```

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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