

Converting Colors

Hex(C19E33)

Have a look what the booklet for
Hex(C19E33) contains.

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Color

Hex(C19E33)

Conversions

Conversions Part 1

Format	Color
Hex	C19E33
RGB	193, 158, 51
RGB Percent	76%, 62%, 20%
CMY	0.2431, 0.3804, 0.8000
CMYK	0.00, 0.18, 0.74, 0.24
HSL	45°, 58%, 48%
HSV	45°, 74%, 76%
XYZ	34.8167, 36.0302, 8.2515
YIQ	156.2670, 55.2070, -25.8570

Conversions

Conversions Part 2

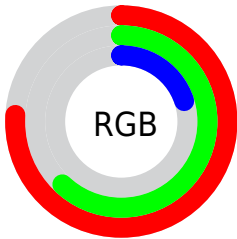
Format	Color
R_{YB}	97, 193, 51
Decimal	12688947
CIE Lab	66.54, 1.97, 57.68
CIE LCh	67, 57.713, 88.047
Yxy	36.0302, 0.4402, 0.4555
Android (android.graphics.Color)	4290879027 (0xFFC19E33)
YUV	156.2670, -51.8966, 32.2148
Hunter-Lab	60.0252, -1.5077, 33.8672

Details

The Hex color **C19E33** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3356C1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FDD468**, and **876B00** is the 20% darker color. If you saturate the color by 10%, you get **C19920**, and if you desaturate by 10%, it is **C1A346**.

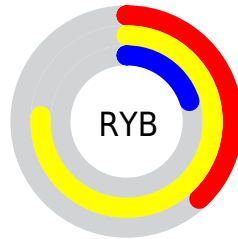
Distribution



Red (76%)

Green (62%)

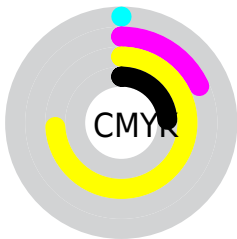
Blue (20%)



Red (38%)

Yellow (76%)

Blue (20%)

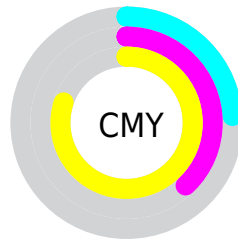


Cyan (0%)

Magenta (18%)

Yellow (74%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C19E33 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 C19E33 by changing the saturation by 10% instead.

 C19E33

 C19E33

FFFFFF

 A48415

 FDD468

 876B00

 FFF183

 6C5300


 FFFF9E

 503C00

 FFFFBA

 362700

 FFFD7

 1E1300

 FFFFF4

 000000

 C19E33

 C19E33

 C19920

 C1A346

 C1940C

 C1A85A

 C19100

 C1AC6D

 C1B180

 C1B693

 C1BBA7

 C1BFBA

 C1C4CD

 C1C9E1

Harmonies

Analogous

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



E98A4A



C19E33



8EAD40

Triad

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



C19E33



00BBD1



DE80DA

Complementary

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



C19E33



3356C1

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.



9E96FE



C19E33



00B5F9

Square

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



C19E33



00BB9D



00A9FF



FD73A7

Rectangle

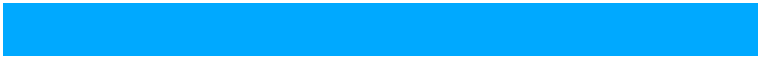
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C19E33



63B459



00A9FF



CC87E8

Sweetspot

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



C19E33



FAECC3



C13356



7D755C



FCFCFC



7D7D7D

Same Dimension

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



C19E33



FAC41E



9EC133



615F57



A17900



211900

Inverse Universe

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



3356C1



1E54FA



5633C1



575A61



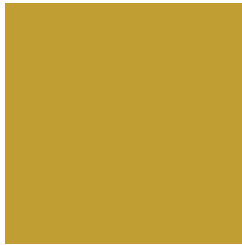
0028A1



000821

Previews

White Background



This preview shows how the Hex color C19E33 looks on a white background.

Color Contrast Check

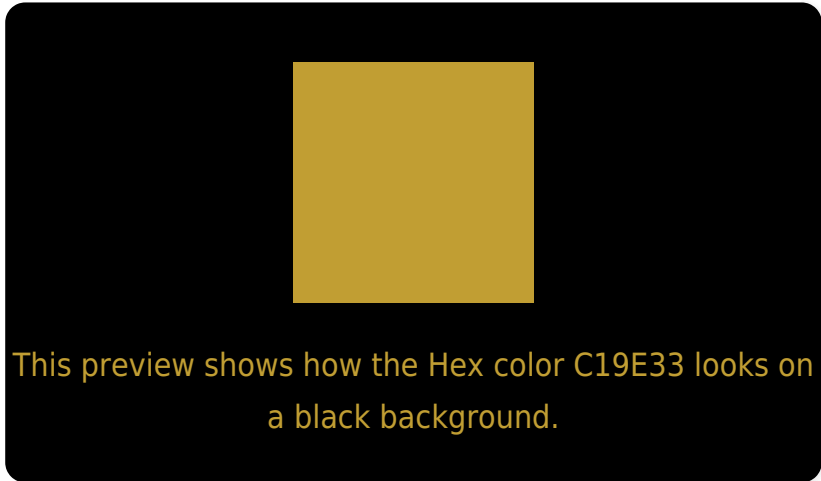
Large Text (above 18pt) WCAG AA × Fail

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 C19E33 Background



This preview shows how black text looks on a background with the Hex color C19E33.



This preview shows how white text looks on a background with the Hex color C19E33.

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
C19E33

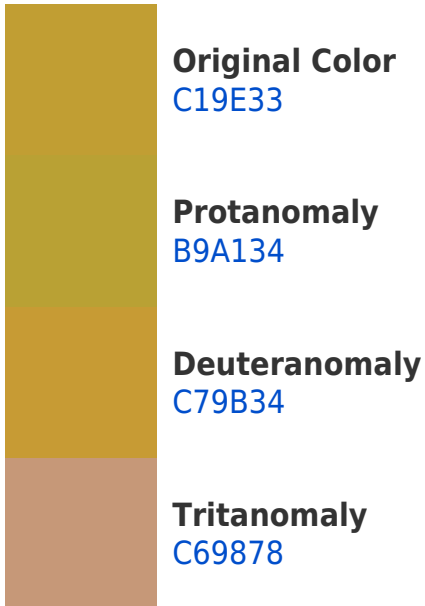
Protanopia
B5A234

Deuteranopia
CB9A35



Tritanopia
C9949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C19E33 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 #C19E33 looks like.

```
.text, #text, p{  
    color:#C19E33  
}
```

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 #C19E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19E33  
}
```

Border

The CSS property to change the border of an element to Hex C19E33 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  
#C19E33 }
```

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

```
.border{ border-color:#C19E33 }
```

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

Here you see how a box with a 4 pixel #C19E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19E33; -webkit-box-shadow:4px 4px  
4px 4px #C19E33; box-shadow:4px 4px 4px  
4px #C19E33 }
```

Background

The CSS property to change the background color of an element to Hex C19E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19E33 }
```

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

```
.background{ background-color:#C19E33 }
```

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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