

Converting Colors

Hex(31133A)

Have a look what the booklet for
Hex(31133A) contains.

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Color

Hex(31133A)

Conversions

Conversions Part 1

Format	Color
Hex	31133A
RGB	49, 19, 58
RGB Percent	19%, 7%, 23%
CMY	0.8078, 0.9255, 0.7725
CMYK	0.16, 0.67, 0.00, 0.77
HSL	286°, 51%, 15%
HSV	286°, 67%, 23%
XYZ	2.2632, 1.4242, 4.1586
YIQ	32.4160, 5.3610, 18.4890

Conversions

Conversions Part 2

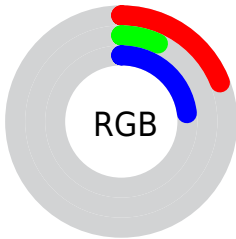
Format	Color
R_{YB}	49, 19, 58
Decimal	3216186
CIE _{Lab}	12.12, 22.65, -18.87
CIE _{LCh}	12, 29.482, 320.194
Yxy	1.4242, 0.2885, 0.1815
Android (android.graphics.Color)	4281406266 (0xFF31133A)
YUV	32.4160, 12.6129, 14.5442
Hunter-Lab	11.9340, 12.9671, -12.3068

Details

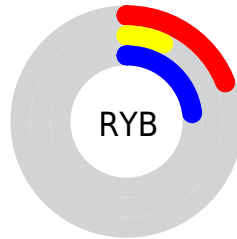
The Hex color **31133A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C3A13**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **613F69**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **300D3A**, and if you desaturate by 10%, it is **32193A**.

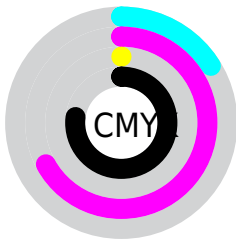
Distribution



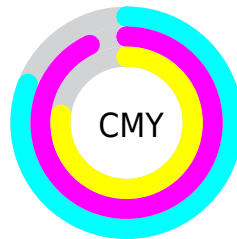
- Red (19%)
- Green (7%)
- Blue (23%)



- Red (19%)
- Yellow (7%)
- Blue (23%)



- Cyan (16%)
- Magenta (67%)
- Yellow (0%)
- Black (77%)



- Cyan (81%)
- Magenta (93%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31133A 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 31133A by changing the saturation by 10% instead.

■ 31133A

■ 31133A

■ FFF8FF

■ 1E0024

■ 613F69

■ 00010D

■ 7A5783

■ 000000

■ 94709D

■ AF89B8

■ CBA4D4

■ E7BFF0

■ FFDBFF

■ 31133A

■ 31133A

■ 300D3A

■ 32193A

■ 2E073A

■ 341F3A

■ 2D023A

■ 35243A

■ 2D003A

■ 362A3A

■ 38303A

■ 39363A

■ 3A3C3A

■ 3C413A

■ 3D473A

Harmonies

Analogous

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



0D1D46



31133A



400927

Triad

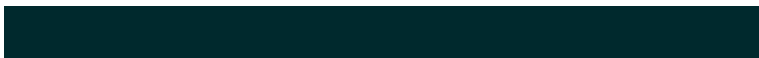
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31133A



2E1C00



00292D

Complementary

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



31133A



1C3A13

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.



002918



31133A



1C2300

Square

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



31133A



3C1300



032600



00283F

Rectangle

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



31133A



43071A



032600



002926

Sweetspot

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



31133A



493D4D



131C3A



241D26



A6A6A6



262626

Same Dimension

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



31133A



3E0F4D



3A1330



1B191C



47005C



A900DB

Inverse Universe

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



3A131C



4D0F1D



133A1D



1C191A



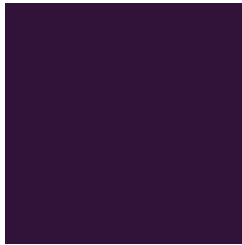
5C0015



DB0033

Previews

White Background



This preview shows how the Hex color 31133A looks on a white background.

Color Contrast Check

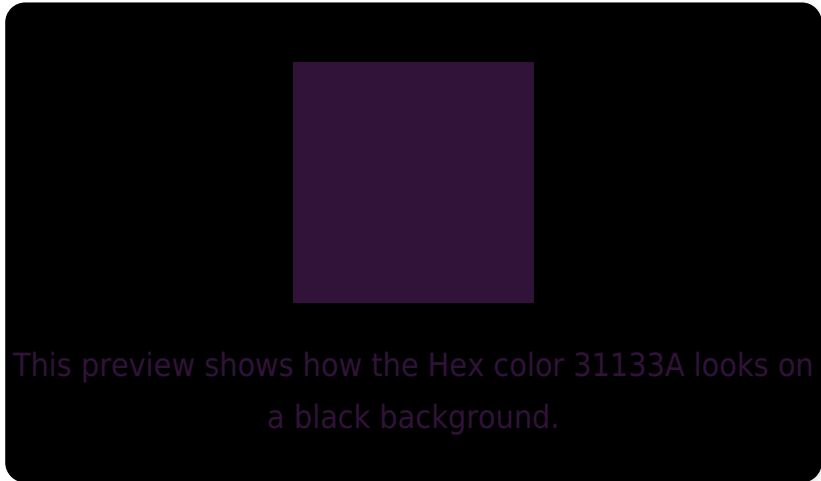
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

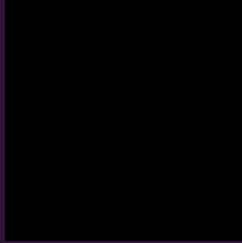
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 31133A Background



This preview shows how black text looks on a background with the Hex color 31133A.



This preview shows how white text looks on a background with the Hex color 31133A.

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
31133A

Protanopia
002043

Deuteranopia
112137



Tritanopia
2D1C1E

Trichromacy



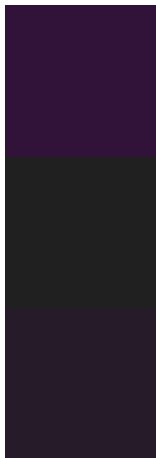
Original Color
31133A

Protanomaly
121B40

Deuteranomaly
1D1C38

Tritanomaly
2E1928

Monochromacy



Original Color
31133A

Achromatopsia
202020

Achromatomaly
261B29

CSS Examples

Text

The CSS property to change the color of the text to Hex 31133A 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 #31133A looks like.

```
.text, #text, p{  
    color:#31133A  
}
```

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 #31133A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31133A
}
```

Border

The CSS property to change the border of an element to Hex 31133A 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
#31133A }
```

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

```
.border{ border-color:#31133A }
```

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

Here you see how a box with a 4 pixel #31133A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31133A; -webkit-box-shadow:4px 4px  
4px 4px #31133A; box-shadow:4px 4px 4px  
4px #31133A }
```

Background

The CSS property to change the background color of an element to Hex 31133A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31133A }
```

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

```
.background{ background-color:#31133A }
```

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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