

Converting Colors

Hex(31194A)

Have a look what the booklet for
Hex(31194A) contains.

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Color

Hex(31194A)

Conversions

Conversions Part 1

Format	Color
Hex	31194A
RGB	49, 25, 74
RGB Percent	19%, 10%, 29%
CMY	0.8078, 0.9020, 0.7098
CMYK	0.34, 0.66, 0.00, 0.71
HSL	269°, 49%, 19%
HSV	269°, 66%, 29%
XYZ	2.8503, 1.8426, 6.6840
YIQ	37.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

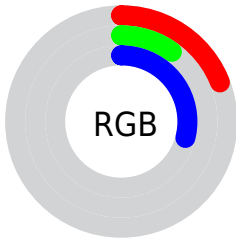
Format	Color
R_{YB}	49, 25, 74
Decimal	3217738
CIE Lab	14.64, 23.28, -26.07
CIE LCh	15, 34.950, 311.760
Yxy	1.8426, 0.2505, 0.1620
Android (android.graphics.Color)	4281407818 (0xFF31194A)
YUV	37.7620, 17.8653, 9.8557
Hunter-Lab	13.5744, 13.7254, -19.6922




Details

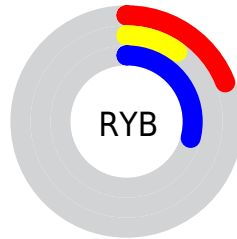
The Hex color **31194A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **324A19**, and the grayscale version is **262626**.




A 20% lighter version of the original color is **61467B**, and **00011D** is the 20% darker color. If you saturate the color by 10%, you get **2D124A**, and if you desaturate by 10%, it is **35204A**.

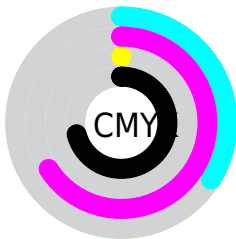
Distribution







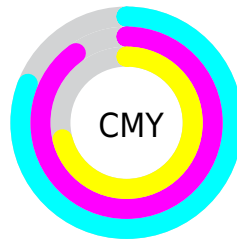
-  Red (19%)
-  Green (10%)
-  Blue (29%)






-  Red (19%)
-  Yellow (10%)
-  Blue (29%)



-  Cyan (34%)
-  Magenta (66%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (81%)
-  Magenta (90%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31194A 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 31194A by changing the saturation by 10% instead.



31194A



31194A

FFFFFF



1B0233



61467B



00011D



7B5D95



000000



9576B0



B090CC



CCABE8



E8C6FF



FFE2FF



31194A



31194A

■ 2D124A

■ 35204A

■ 290A4A

■ 39284A

■ 26034A

■ 3C2F4A

■ 24004A

■ 40374A

■ 443E4A

■ 48454A

■ 4B4D4A

■ 4F544A

■ 535C4A

Harmonies

Analogous

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



002556



31194A



480935

Triad

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



31194A



3B1E00



002F2E

Complementary

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



31194A



324A19

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.



002F14



31194A



262700

Square

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



31194A



4A1100



0B2C00



002F45

Rectangle

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



31194A



4E0325



0B2C00



002F26

Sweetspot

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



31194A



574E61



19324A



2B2530



B0B0B0



303030

Same Dimension

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



31194A



3A1461



49194A



242226



320066



7000E6

Inverse Universe

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



4A1932



61143B



1A4A19



262224



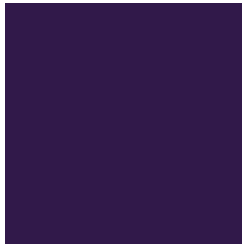
660034



E60075

Previews

White Background



This preview shows how the Hex color 31194A looks on a white background.

Color Contrast Check

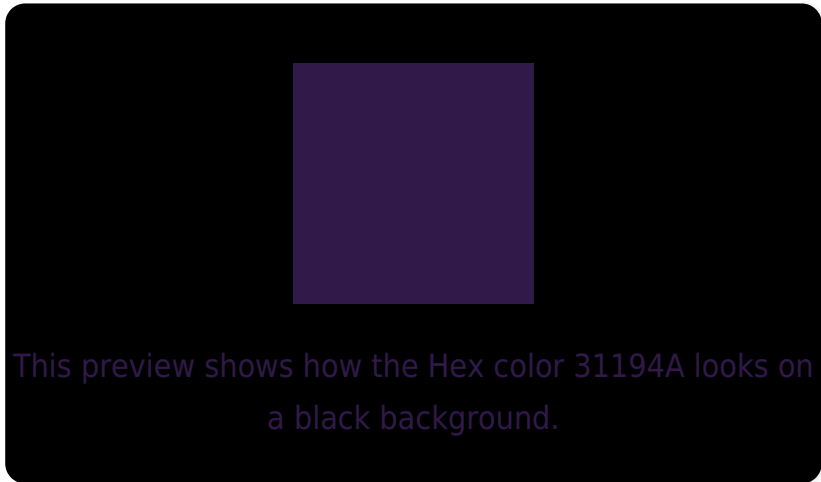
Large Text (above 18pt) WCAG AA ✓ Pass

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

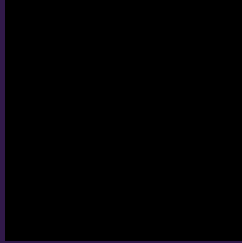
Any Text WCAG AA × Fail

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 31194A Background



This preview shows how black text looks on a background with the Hex color 31194A.



This preview shows how white text looks on a background with the Hex color 31194A.

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
31194A

Protanopia
00244D

Deuteranopia
002643

Trichromacy



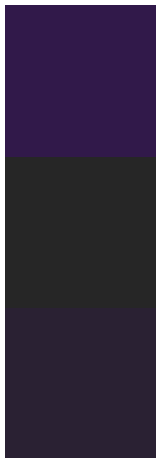
Original Color
31194A

Protanomaly
12204C

Deuteranomaly
122146

Tritanomaly
2D2034

Monochromacy



Original Color
31194A

Achromatopsia
262626

Achromatomaly
2A2133

CSS Examples

Text

The CSS property to change the color of the text to Hex 31194A 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 #31194A looks like.

```
.text, #text, p{  
    color:#31194A  
}
```

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 #31194A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31194A
}
```

Border

The CSS property to change the border of an element to Hex 31194A 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
#31194A }
```

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

```
.border{ border-color:#31194A }
```

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

Here you see how a box with a 4 pixel #31194A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31194A; -webkit-box-shadow:4px 4px  
4px 4px #31194A; box-shadow:4px 4px 4px  
4px #31194A }
```

Background

The CSS property to change the background color of an element to Hex 31194A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31194A }
```

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

```
.background{ background-color:#31194A }
```

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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