

Converting Colors

Hex(31512A)

Have a look what the booklet for
Hex(31512A) contains.

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Color

Hex(31512A)

Conversions

Conversions Part 1

Format	Color
Hex	31512A
RGB	49, 81, 42
RGB Percent	19%, 32%, 16%
CMY	0.8078, 0.6824, 0.8353
CMYK	0.40, 0.00, 0.48, 0.68
HSL	109°, 32%, 24%
HSV	109°, 48%, 32%
XYZ	4.6270, 6.7050, 3.2408
YIQ	66.9860, -6.5530, -18.9130

Conversions

Conversions Part 2

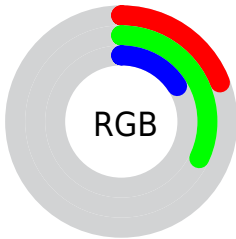
Format	Color
R_{YB}	42, 81, 74
Decimal	3232042
CIE _{Lab}	31.13, -20.56, 19.27
CIE _{LCh}	31, 28.179, 136.856
Yxy	6.7050, 0.3175, 0.4601
Android (android.graphics.Color)	4281422122 (0xFF31512A)
YUV	66.9860, -12.3181, -15.7737
Hunter-Lab	25.8940, -13.4185, 10.7052

Details

The Hex color **31512A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A2A51**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **618358**, and **072400** is the 20% darker color. If you saturate the color by 10%, you get **2A5122**, and if you desaturate by 10%, it is **385132**.

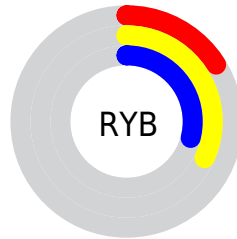
Distribution



Red (19%)

Green (32%)

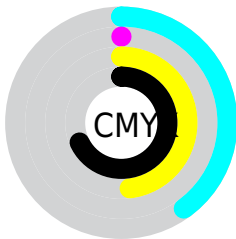
Blue (16%)



Red (16%)

Yellow (32%)

Blue (29%)

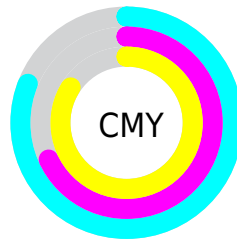


Cyan (40%)

Magenta (0%)

Yellow (48%)

Black (68%)



Cyan (81%)


Magenta (68%)


Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31512A 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 31512A by changing the saturation by 10% instead.

 31512A

 31512A

FFFFFF

 1A3A15

 618358

 072400

 7A9D71

 000800

 95B88A


 000000


 AFD3A5

 CBF0C0

 E7FFDC

 FFFFF9

 31512A

 31512A

■ 2A5122

■ 385132

■ 24511A

■ 3E513A

■ 1D5112

■ 455142

■ 16510A

■ 4C514A

■ 105101

■ 525153

■ 0F5100

■ 59515B

■ 605163

■ 66516B

■ 6D5173

Harmonies

Analogous

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



4A4C1D



31512A



07543E

Triad

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



31512A



004E74



73373E

Complementary

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



31512A



4A2A51

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.



6D3854



31512A



3B4773

Square

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



31512A



005369



5B3F68



6D3D2A

Rectangle

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



31512A



00544E



5B3F68



723645

Sweetspot

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



31512A



5D695A



514A2A



2E362C



B5B5B5



363636

Same Dimension

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



31512A



37692C



2A5136



252925



136900



2AE800

Inverse Universe

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



4A2A51



5E2C69



512A45



282529



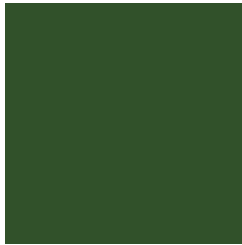
560069



BE00E8

Previews

White Background



This preview shows how the Hex color 31512A looks on a white background.

Color Contrast Check

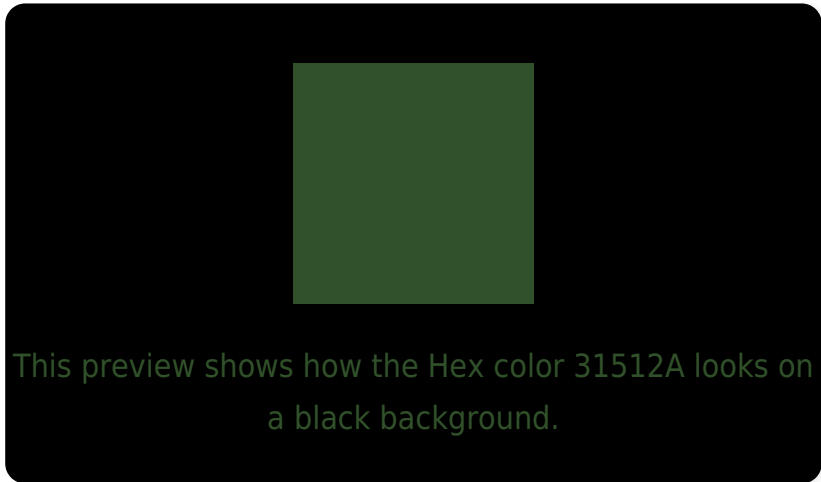
Large Text (above 18pt) WCAG AA ✓ Pass

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

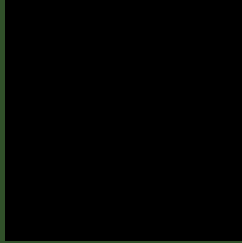
Any Text WCAG AA × Fail

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 31512A Background



This preview shows how black text looks on a background with the Hex color 31512A.



This preview shows how white text looks on a background with the Hex color 31512A.

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
31512A

Protanopia
504927

Deuteranopia
58462D



Tritanopia
384C53

Trichromacy



Original Color
31512A

Protanomaly
454C28

Deuteranomaly
4A4A2C

Tritanomaly
354E44

Monochromacy



Original Color
31512A

Achromatopsia
434343

Achromatomaly
3C483A

CSS Examples

Text

The CSS property to change the color of the text to Hex 31512A 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 #31512A looks like.

```
.text, #text, p{  
    color:#31512A  
}
```

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 #31512A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31512A
}
```

Border

The CSS property to change the border of an element to Hex 31512A 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
#31512A }
```

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

```
.border{ border-color:#31512A }
```

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

Here you see how a box with a 4 pixel #31512A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31512A; -webkit-box-shadow:4px 4px  
4px 4px #31512A; box-shadow:4px 4px 4px  
4px #31512A }
```

Background

The CSS property to change the background color of an element to Hex 31512A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31512A }
```

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

```
.background{ background-color:#31512A }
```

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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