

Converting Colors

Hex(315030)

Have a look what the booklet for
Hex(315030) contains.

Hex(315030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(315030)

Conversions

Conversions Part 1

Format	Color
Hex	315030
RGB	49, 80, 48
RGB Percent	19%, 31%, 19%
CMY	0.8078, 0.6863, 0.8118
CMYK	0.39, 0.00, 0.40, 0.69
HSL	118°, 25%, 25%
HSV	118°, 40%, 31%
XYZ	4.6688, 6.6037, 3.8249
YIQ	67.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

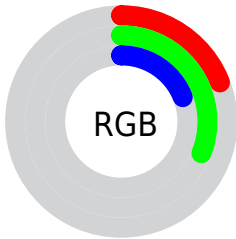
Format	Color
R_{YB}	48, 80, 79
Decimal	3231792
CIE _{Lab}	30.89, -18.98, 15.34
CIE _{LCh}	31, 24.406, 141.063
Yxy	6.6037, 0.3092, 0.4374
Android (android.graphics.Color)	4281421872 (0xFF315030)
YUV	67.0830, -9.4079, -15.8588
Hunter-Lab	25.6976, -12.5408, 9.1635

Details

The Hex color **315030** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F3050**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **61815E**, and **062301** is the 20% darker color. If you saturate the color by 10%, you get **295028**, and if you desaturate by 10%, it is **395038**.

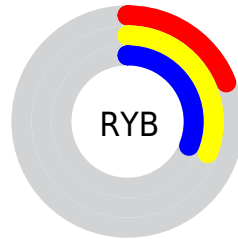
Distribution



 Red (19%)

 Green (31%)

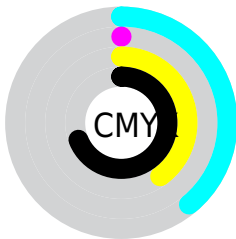
 Blue (19%)



 Red (19%)

 Yellow (31%)

 Blue (31%)

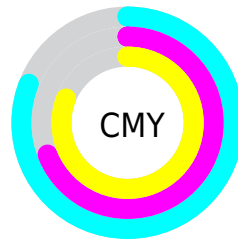


 Cyan (39%)

 Magenta (0%)

 Yellow (40%)

 Black (69%)



 Cyan (81%)


 Magenta (69%)


 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315030 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 315030 by changing the saturation by 10% instead.

 315030

 315030

FFFFFF

 1A391B

 61815E

 062301

 7A9C77

 000600


 94B791


 000000

 AFD2AC

 CBEFC7

 E7FFE3

 315030

 315030

 295028

 395038

■ 225020

■ 415040

■ 1A5018

■ 485048

■ 125010

■ 505050

■ 0A5008

■ 585058

■ 035000

■ 605060

■ 675068

■ 6F5070

■ 775078

Harmonies

Analogous

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



474C24



315030



135242

Triad

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



315030



1D4C6E



6D3A3C

Complementary

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



315030



4F3050

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.



693A4F



315030



42466C

Square

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



315030



005166



5B3F61



673F2C

Rectangle

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



315030



00534F



5B3F61



6D3942

Sweetspot

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



315030



5C695C



504F30



2E362E



B5B5B5



363636

Same Dimension

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



315030



386936



30503F



252925



036900



07E800

Inverse Universe

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



4F3050



673669



503041



292529



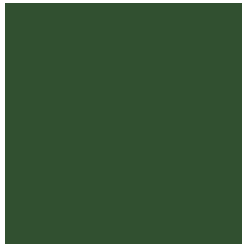
650069



E100E8

Previews

White Background



This preview shows how the Hex color 315030 looks on a white background.

Color Contrast Check

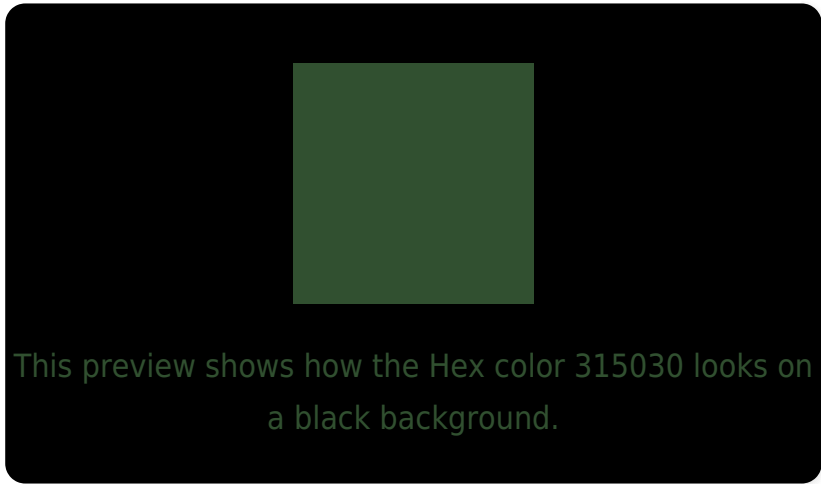
Large Text (above 18pt) WCAG AA ✓ Pass

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

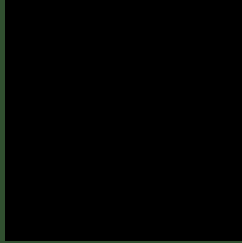
Any Text WCAG AA × Fail

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 315030 Background



This preview shows how black text looks on a background with the Hex color 315030.



This preview shows how white text looks on a background with the Hex color 315030.

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
315030

Protanopia
4F482D

Deuteranopia
564532



Tritanopia
384C52

Trichromacy



Original Color
315030

Protanomaly
444B2E

Deuteranomaly
494931

Tritanomaly
354D46

Monochromacy



Original Color
315030

Achromatopsia
434343

Achromatomaly
3C483C

CSS Examples

Text

The CSS property to change the color of the text to Hex 315030 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 #315030 looks like.

```
.text, #text, p{  
    color:#315030  
}
```

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 #315030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315030
}
```

Border

The CSS property to change the border of an element to Hex 315030 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
#315030 }
```

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

```
.border{ border-color:#315030 }
```

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

Here you see how a box with a 4 pixel #315030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315030; -webkit-box-shadow:4px 4px  
4px 4px #315030; box-shadow:4px 4px 4px  
4px #315030 }
```

Background

The CSS property to change the background color of an element to Hex 315030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315030 }
```

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

```
.background{ background-color:#315030 }
```

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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