

Converting Colors

Hex(31582F)

Have a look what the booklet for
Hex(31582F) contains.

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Color

Hex(31582F)

Conversions

Conversions Part 1

Format	Color
Hex	31582F
RGB	49, 88, 47
RGB Percent	19%, 35%, 18%
CMY	0.8078, 0.6549, 0.8157
CMYK	0.44, 0.00, 0.47, 0.65
HSL	117°, 30%, 26%
HSV	117°, 47%, 35%
XYZ	5.2694, 7.8377, 3.9244
YIQ	71.6650, -10.0830, -21.0190

Conversions

Conversions Part 2

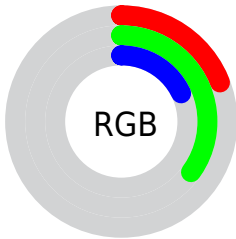
Format	Color
R_{YB}	47, 88, 86
Decimal	3233839
CIE _{Lab}	33.64, -23.32, 19.53
CIE _{LCh}	34, 30.417, 140.063
Yxy	7.8377, 0.3094, 0.4602
Android (android.graphics.Color)	4281423919 (0xFF31582F)
YUV	71.6650, -12.1598, -19.8772
Hunter-Lab	27.9958, -15.3950, 11.2859

Details

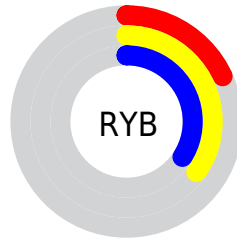
The Hex color **31582F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **562F58**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **628A5E**, and **032A00** is the 20% darker color. If you saturate the color by 10%, you get **295826**, and if you desaturate by 10%, it is **395838**.

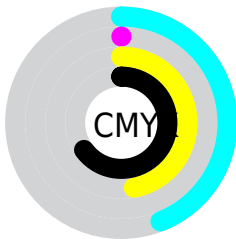
Distribution



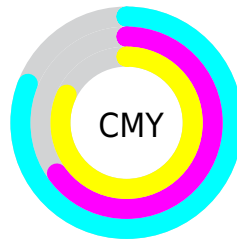
- Red (19%)
- Green (35%)
- Blue (18%)



- Red (18%)
- Yellow (35%)
- Blue (34%)



- Cyan (44%)
- Magenta (0%)
- Yellow (47%)
- Black (65%)



- Cyan (81%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31582F 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 31582F by changing the saturation by 10% instead.



31582F



31582F

FFFFFF



194019



628A5E



032A00



7BA577



001500



96C090



000000



B1DCAB



CCF9C6



E9FFE2



31582F



31582F



295826



395838

■ 20581D

■ 425841

■ 185815

■ 4A5849

■ 10580C

■ 525852

■ 075803

■ 5B585B

■ 045800

■ 635864

■ 6C586D

■ 745875

■ 7C587E

Harmonies

Analogous

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



4D5320



31582F



005B46

Triad

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



31582F



00547E



7C3B40

Complementary

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



31582F



562F58

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.



783B58



31582F



444C7C

Square

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



31582F



005973



65426E



75422B

Rectangle

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



31582F



005B57



65426E



7C3A48

Sweetspot

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



31582F



637363



58562F



313B31



BABABA



3B3B3B

Same Dimension

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



31582F



367332



2F5841



272B27



056B00



0BEB00

Inverse Universe

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



562F58



703273



582F46



2B272B



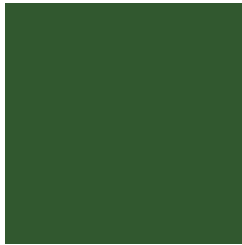
66006B



DF00EB

Previews

White Background



This preview shows how the Hex color 31582F looks on a white background.

Color Contrast Check

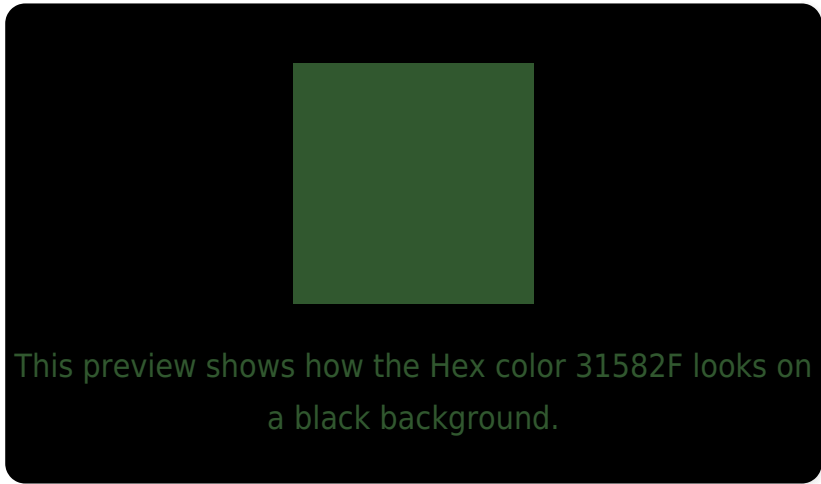
Large Text (above 18pt) WCAG AA ✓ Pass

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

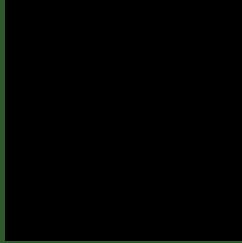
Any Text WCAG AA × Fail

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 31582F Background



This preview shows how black text looks on a background with the Hex color 31582F.



This preview shows how white text looks on a background with the Hex color 31582F.

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](#).

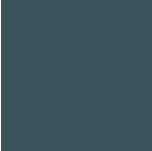
Dichromacy



Original Color
31582F

Protanopia
574F2C

Deuteranopia
5F4B32



Tritanopia
3A535A

Trichromacy



Original Color
31582F

Protanomaly
49522D

Deuteranomaly
4E5031

Tritanomaly
37554A

Monochromacy



Original Color
31582F

Achromatopsia
484848

Achromatomaly
404E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 31582F 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 #31582F looks like.

```
.text, #text, p{  
    color:#31582F  
}
```

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 #31582F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31582F
}
```

Border

The CSS property to change the border of an element to Hex 31582F 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".

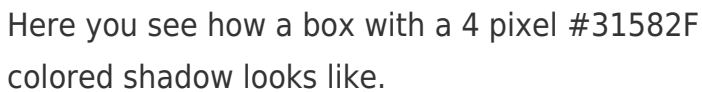
```
.border, #border, table{ border:4px solid
#31582F }
```

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

```
.border{ border-color:#31582F }
```

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

Here you see how a box with a 4 pixel #31582F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31582F; -webkit-box-shadow:4px 4px  
4px 4px #31582F; box-shadow:4px 4px 4px  
4px #31582F }
```

Background

The CSS property to change the background color of an element to Hex 31582F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31582F }
```

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

```
.background{ background-color:#31582F }
```

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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