

Converting Colors

HunterLab(31.4034, -19.1411,
12.7226)

Have a look what the booklet for
HunterLab(31.4034, -19.1411,
12.7226) contains.

HunterLab(31.2811, -18.9248, 12.5600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(31.2811,
-18.9248, 12.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	2F6335
RGB	47, 99, 53
RGB Percent	18%, 39%, 21%
CMY	0.8157, 0.6118, 0.7922
CMYK	0.53, 0.00, 0.46, 0.61
HSL	127°, 36%, 29%
HSV	127°, 53%, 39%
XYZ	6.2767, 9.7851, 4.9260
YIQ	78.2080, -16.2260, -25.3300

Conversions

Conversions Part 2

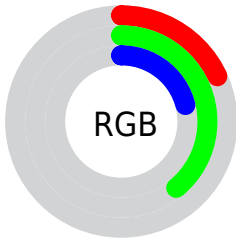
Format	Color
R_{YB}	47, 94, 99
Decimal	3105589
CIE _{Lab}	37.45, -28.30, 20.90
CIE _{LCh}	37, 35.183, 143.561
Yxy	9.7855, 0.2991, 0.4662
Android (android.graphics.Color)	4281295669 (0xFF2F6335)
YUV	78.2080, -12.4275, -27.3694
Hunter-Lab	31.2811, -18.9248, 12.5600

Details

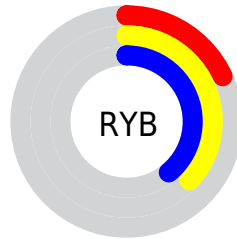
The HunterLab color **31.2811, -18.9248, 12.5600** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **23.4013, 21.1244, -11.4494**, and the grayscale version is **27.7247, -1.4793, 1.5063**.

A 20% lighter version of the original color is **50.2734, -23.5838, 16.3464**, and **15.7274, -13.0883, 8.5960** is the 20% darker color. If you saturate the color by 10%, you get **30.8268, -21.0122, 13.9982**, and if you desaturate by 10%, it is **31.8374, -16.4319, 10.9076**.

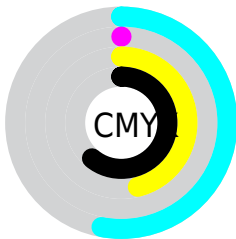
Distribution



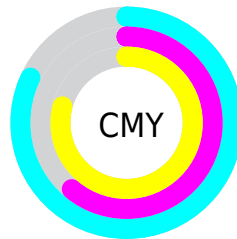
- Red (18%)
- Green (39%)
- Blue (21%)



- Red (18%)
- Yellow (37%)
- Blue (39%)



- Cyan (53%)
- Magenta (0%)
- Yellow (46%)
- Black (61%)



- Cyan (82%)
- Magenta (61%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2811, -18.9248, 12.5600 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 HunterLab color 31.2811, -18.9248, 12.5600 by changing the saturation by 10% instead.

■ 31.2811, -18.9248,
12.5600

■ 31.2811, -18.9248,
12.5600

137.5260,
-37.9422, 28.1416

■ 22.9281, -16.3287,
10.5001

■ 50.3897, -23.6304,
16.3348

■ 15.4881, -13.4619,
8.3802

■ 61.0223, -25.8253,
18.1135

■ 9.0845, -14.0617,
6.3591

■ 72.3127, -27.9490,
19.8456

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2244, -30.0177,
21.5434

0.0000, NaN, NaN

■ 96.7267, -32.0433,
23.2159

0.0000, NaN, NaN

■ 109.7929,

0.0000, NaN, NaN

-34.0349, 24.8698

0.0000, NaN, NaN

123.3995,
-35.9993, 26.5103

■ 31.2811, -18.9248,
12.5600

■ 31.2811, -18.9248,
12.5600

■ 30.8268, -21.0122,
13.9982

■ 31.8374, -16.4319,
10.9076

■ 30.4698, -22.6835,
15.2100

■ 32.4948, -13.5518,
9.0568

■ 30.2058, -23.9434,
16.1905

■ 33.2535, -10.3132,
7.0276

■ 30.0257, -24.8202,
16.9397

■ 34.1120, -6.7499,
4.8422

■ 29.9153, -25.3521,
17.3365

■ 35.0676, -2.8985,
2.5233

■ 36.1167, 1.2033,
0.0931

■ 37.2555, 5.5190,
-2.4274

■ 38.4795, 10.0144,
-5.0193

■ 39.7844, 14.6584,
-7.6657

Harmonies

Analogous

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



31.2818, -10.8079, 16.3492



31.2811, -18.9248, 12.5600



31.2818, -22.3491, 4.1868

Triad

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



31.2818, -18.9253, 12.5602



31.2818, -4.3507, -31.0986



31.2818, 23.8791, 9.6085

Complementary

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



31.2811, -18.9248, 12.5600



23.4013, 21.1244, -11.4494

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.



31.2818, 26.3389, -1.0034



31.2811, -18.9248, 12.5600



31.2818, 8.6526, -27.7797

Square

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



31.2818, -18.9253, 12.5602



31.2818, -14.8411, -23.2019



31.2818, 20.3891, -15.3841



31.2818, 14.1189, 15.1794

Rectangle

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



31.2811, -18.9248, 12.5600



31.2818, -21.9703, -4.2202



31.2818, 20.3891, -15.3841



31.2818, 25.6452, 6.6548

Sweetspot

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



31.2818, -18.9253, 12.5602



44.2201, -10.7228, 7.4897



33.9095, -8.9600, 16.0357



21.4861, -5.5301, 3.8368



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.2818, -18.9253, 12.5602



40.2574, -28.0654, 18.7208



31.7512, -16.1176, 5.7527



16.9138, -2.6350, 1.9663



34.1489, -28.9803, 19.8770



78.8834, -67.2704, 46.6202

Inverse Universe

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



23.4013, 21.1244, -11.4494



28.1266, 34.1330, -18.3527



22.5849, 17.3792, -0.0525



16.1986, 0.9371, -0.1940



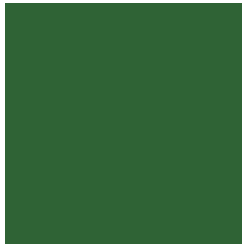
20.8892, 40.1090, -20.1110



48.1958, 92.4036, -45.3432

Previews

White Background



This preview shows how the HunterLab color 31.2811, -18.9248, 12.5600 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

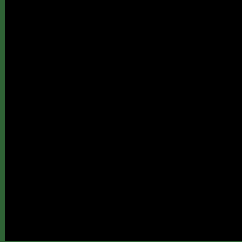
Any Text WCAG AA × Fail

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](#).

HunterLab 31.2811, -18.9248, 12.5600 Background



This preview shows how black text looks on a background with the HunterLab color 31.2811, -18.9248, 12.5600.



This preview shows how white text looks on a background with the HunterLab color 31.2811,

-18.9248, 12.5600.

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

31.2811, -18.9248, 12.5600

Protanopia

31.1255, -3.6133, 13.5811

Deuteranopia

31.1452, 1.9639, 11.8570



Tritanopia

31.3760, -8.8460, -4.0865

Trichromacy



Original Color

31.2811, -18.9248, 12.5600

Protanomaly

30.8290, -10.2667, 13.0135

Deuteranomaly

30.5967, -6.6829, 11.4865

Tritanomaly

31.2891, -13.0853, 3.1576

Monochromacy



Original Color

31.2811, -18.9248, 12.5600

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.7725, -8.6824, 5.9755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2811, -18.9248, 12.5600 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 `rgb(47, 99, 53)` looks like.

```
.text, #text, p{  
    color:rgb(47, 99, 53)  
}
```

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 rgb(47, 99, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 99, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2811, -18.9248, 12.5600 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 rgb(47, 99, 53) }
```


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

```
.border{ border-color:rgb(47, 99, 53) }
```

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

Here you see how a box with a 4 pixel rgb(47, 99, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 99, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 99, 53);  
box-shadow:4px 4px 4px 4px rgb(47, 99, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2811, -18.9248, 12.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 99, 53) }
```

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

```
.background{ background-color: rgb(47, 99,  
53) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor