

Converting Colors

HunterLab(26.1033, -17.3396,
12.6161)

Have a look what the booklet for
HunterLab(26.1033, -17.3396,
12.6161) contains.

HunterLab(26.0811, -17.4160, 12.6597)	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(26.0811,
-17.4160, 12.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	235420
RGB	35, 84, 32
RGB Percent	14%, 33%, 13%
CMY	0.8627, 0.6706, 0.8745
CMYK	0.58, 0.00, 0.62, 0.67
HSL	117°, 45%, 23%
HSV	117°, 62%, 33%
XYZ	4.1242, 6.8022, 2.4621
YIQ	63.4210, -12.5120, -26.5600

Conversions

Conversions Part 2

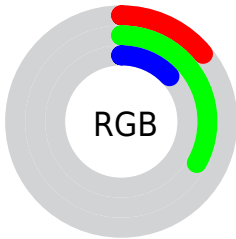
Format	Color
R_YB	32, 84, 81
Decimal	2315296
CIE _{Lab}	31.35, -28.41, 25.09
CIE _{LCh}	31, 37.898, 138.552
Yxy	6.8025, 0.3080, 0.5081
Android (android.graphics.Color)	4280505376 (0xFF235420)
YUV	63.4210, -15.4906, -24.9252
Hunter-Lab	26.0811, -17.4160, 12.6597

Details

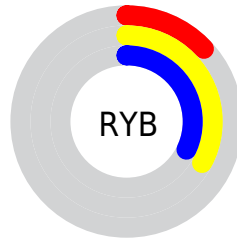
The HunterLab color **26.0811, -17.4160, 12.6597** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **18.5005, 20.7910, -15.1173**, and the grayscale version is **22.4970, -1.2004, 1.2223**.

A 20% lighter version of the original color is **44.1945, -22.2225, 17.1737**, and **11.7738, -10.0960, 7.0782** is the 20% darker color. If you saturate the color by 10%, you get **25.7670, -18.8687, 13.6084**, and if you desaturate by 10%, it is **26.4738, -15.6301, 11.4629**.

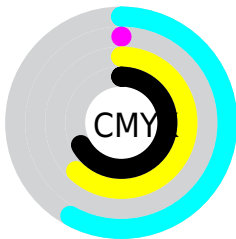
Distribution



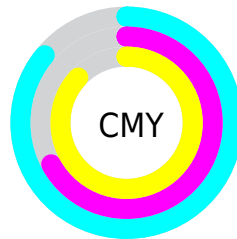
- Red (14%)
- Green (33%)
- Blue (13%)



- Red (13%)
- Yellow (33%)
- Blue (32%)



- Cyan (58%)
- Magenta (0%)
- Yellow (62%)
- Black (67%)



- Cyan (86%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.0811, -17.4160, 12.6597 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 26.0811, -17.4160, 12.6597 by changing the saturation by 10% instead.

■ 26.0811, -17.4160,
12.6597

■ 26.0811, -17.4160,
12.6597

128.8459,
-36.8620, 30.7457

■ 18.2727, -14.6601,
10.1300

■ 44.2434, -22.3117,
17.2079

■ 11.4504, -12.2259,
8.0153

■ 54.4539, -24.5672,
19.3037

■ 3.8703, -6.7730,
2.7092

■ 65.3477, -26.7381,
21.3210

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.8843, -28.8444,
23.2789

0.0000, NaN, NaN

■ 89.0296, -30.9004,
25.1911

0.0000, NaN, NaN

■ 101.7547,

0.0000, NaN, NaN

-32.9169, 27.0680

0.0000, NaN, NaN

115.0342,
-34.9020, 28.9175

26.0811, -17.4160,
12.6597

26.0811, -17.4160,
12.6597

25.7670, -18.8687,
13.6084

26.4738, -15.6301,
11.4629

25.5267, -19.9877,
14.3123

26.9452, -13.5183,
10.0212

25.3549, -20.7931,
14.8028

27.4963, -11.0975,
8.3449

25.2431, -21.3277,
15.1813

28.1265, -8.3901,
6.4487

28.8345, -5.4221,
4.3506

■ 29.6181, -2.2219,
2.0707

■ 30.4748, 1.1816,
-0.3702

■ 31.4014, 4.7603,
-2.9516

■ 32.3947, 8.4876,
-5.6538

Harmonies

Analogous

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



26.0816, -8.7812, 15.3013



26.0811, -17.4160, 12.6597



26.0816, -21.4214, 5.6578

Triad

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



26.0816, -17.4164, 12.6599



26.0816, -6.1071, -33.6020



26.0816, 26.3291, 7.8323

Complementary

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



26.0811, -17.4160, 12.6597



18.5005, 20.7910, -15.1173

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.



26.0816, 27.4280, -3.6760



26.0811, -17.4160, 12.6597



26.0816, 6.9217, -32.0263

Square

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



26.0816, -17.4164, 12.6599



26.0816, -15.7856, -22.9797



26.0816, 19.7729, -19.3584



26.0816, 17.0101, 13.5890

Rectangle

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



26.0811, -17.4160, 12.6597



26.0816, -21.5659, -2.3134



26.0816, 19.7729, -19.3584



26.0816, 27.7306, 4.6714

Sweetspot

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



26.0816, -17.4164, 12.6599



37.3754, -10.2367, 7.9226



27.9377, -5.2845, 14.2223



18.8364, -5.5308, 4.2563



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



26.0816, -17.4164, 12.6599



33.8958, -25.6815, 18.4588



26.3047, -15.8726, 7.9153



14.4789, -2.1987, 1.8102



31.7027, -26.8697, 19.0647



76.0460, -64.9103, 45.7228

Inverse Universe

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



18.5005, 20.7910, -15.1173



22.3036, 33.3585, -24.6226



18.0554, 18.1092, -3.2729



13.8816, 0.7409, -0.3153



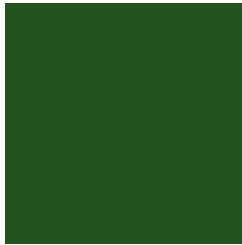
19.0694, 37.9568, -28.7618



45.6483, 90.9431, -69.4869

Previews

White Background



This preview shows how the HunterLab color 26.0811, -17.4160, 12.6597 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

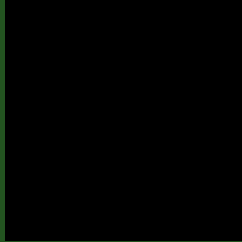
Any Text WCAG AA × Fail

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 26.0811, -17.4160, 12.6597 Background



This preview shows how black text looks on a background with the HunterLab color 26.0811, -17.4160, 12.6597.



This preview shows how white text looks on a background with the HunterLab color 26.0811,

-17.4160, 12.6597.

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

26.0811, -17.4160, 12.6597

Protanopia

26.0386, -3.4066, 13.3385

Deuteranopia

25.9458, 1.5351, 12.2005



Tritanopia

26.1767, -7.5682, -3.4687

Trichromacy



Original Color

26.0811, -17.4160, 12.6597

Protanomaly

25.8192, -9.6575, 12.9200

Deuteranomaly

25.4816, -6.6394, 11.8855

Tritanomaly

26.0611, -11.8943, 4.1243

Monochromacy



Original Color

26.0811, -17.4160, 12.6597

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.4761, -8.0746, 6.1195

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.0811, -17.4160, 12.6597 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(35, 84, 32)` looks like.

```
.text, #text, p{  
    color:rgb(35, 84, 32)  
}
```

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(35, 84, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 84, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 26.0811, -17.4160, 12.6597 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(35, 84, 32) }
```


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

```
.border{ border-color:rgb(35, 84, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 84, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 84, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 84, 32);  
box-shadow:4px 4px 4px 4px rgb(35, 84, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 26.0811, -17.4160, 12.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 84, 32) }
```

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

```
.background{ background-color: rgb(35, 84,  
32) }
```

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