

Converting Colors

HunterLab(26.0386, -26.4046,
13.2645)

Have a look what the booklet for
HunterLab(26.0386, -26.4046,
13.2645) contains.

HunterLab(26.8773, -21.9962, 13.8892)	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(26.8773,
-21.9962, 13.8892)**

Conversions

Conversions Part 1

Format	Color
Hex	00591B
RGB	0, 89, 27
RGB Percent	0%, 35%, 11%
CMY	1.0000, 0.6510, 0.8941
CMYK	1.00, 0.00, 0.70, 0.65
HSL	138°, 100%, 17%
HSV	138°, 100%, 35%
XYZ	3.7702, 7.2239, 2.2326
YIQ	55.3210, -33.1420, -38.1500

Conversions

Conversions Part 2

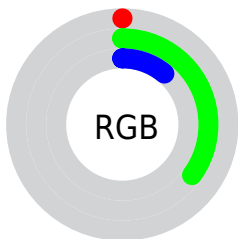
Format	Color
RYB	0, 68, 89
Decimal	22811
CIELab	32.31, -37.72, 28.55
CIELCh	32, 47.307, 142.872
Yxy	7.2242, 0.2850, 0.5462
Android (android.graphics.Color)	4278212891 (0xFF00591B)
YUV	55.3210, -13.9623, -48.5165
Hunter-Lab	26.8773, -21.9962, 13.8892

Details

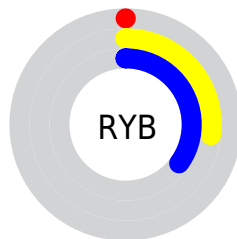
The HunterLab color **26.8773, -21.9962, 13.8892** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.7218, 29.1360, -6.9894**, and the grayscale version is **19.7097, -1.0517, 1.0709**.

A 20% lighter version of the original color is **45.1761, -28.2423, 18.8403**, and **12.8683, -11.0346, 7.7362** is the 20% darker color. If you saturate the color by 10%, you get **26.8778, -21.9966, 13.8894**, and if you desaturate by 10%, it is **27.0433, -21.1793, 13.1060**.

Distribution



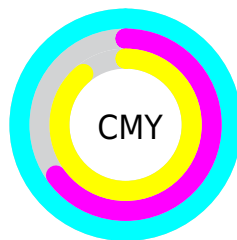
- Red (0%)
- Green (35%)
- Blue (11%)



- Red (0%)
- Yellow (27%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.8773, -21.9962, 13.8892 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 26.8773, -21.9962, 13.8892 by changing the saturation by 10% instead.

■ 26.8773, -21.9962,
13.8892

■ 26.8773, -21.9962,
13.8892

130.1974,
-46.2818, 33.8089

■ 18.9808, -18.4228,
11.1213

■ 45.1916, -28.2643,
18.9503

■ 12.0578, -15.5532,
8.4404

■ 55.4696, -31.1155,
21.2724

■ 5.0591, -8.8534,
3.5414

■ 66.4266, -33.8382,
23.5002

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.0229, -36.4605,
25.6550

0.0000, NaN, NaN

■ 90.2251, -39.0025,
27.7526

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.0044,

-41.4793, 29.8050

0.0000, NaN, NaN

■ 116.3358,
-43.9027, 31.8214

■ 26.8773, -21.9962,
13.8892

■ 26.8773, -21.9962,
13.8892

■ 26.8778, -21.9966,
13.8894

■ 27.0433, -21.1793,
13.1060

■ 27.2413, -20.2094,
12.1781

■ 27.5102, -18.9318,
11.1378

■ 27.8552, -17.3363,
9.9953

■ 28.2793, -15.4248,
8.7623

■ 28.7843, -13.2073,
7.4522

■ 29.3705, -10.7011,
6.0788

■ 30.0375, -7.9282,
4.6562

■ 30.7839, -4.9142,
3.1981

Harmonies

Analogous

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



26.8779, -12.4794, 16.9449



26.8773, -21.9962, 13.8892



26.8779, -25.8441, 4.8791

Triad

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



26.8779, -21.9965, 13.8893



26.8779, -5.1843, -47.5086



26.8779, 33.6103, 10.6037

Complementary

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



26.8773, -21.9962, 13.8892



15.7218, 29.1360, -6.9894

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.



26.8779, 36.8755, -2.4701



26.8773, -21.9962, 13.8892



26.8779, 11.7413, -42.5157

Square

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



26.8779, -21.9965, 13.8893



26.8779, -17.7394, -34.3911



26.8779, 28.1010, -23.1975



26.8779, 20.0127, 15.9716

Rectangle

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



26.8773, -21.9962, 13.8892



26.8779, -25.5180, -5.9912



26.8779, 28.1010, -23.1975



26.8779, 36.0661, 7.2508

Sweetspot

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



26.8779, -21.9965, 13.8893



38.3087, -14.3111, 8.1175



28.5989, -15.2323, 17.3558



19.1749, -7.6595, 4.3312



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



26.8779, -21.9965, 13.8893



35.1066, -28.8812, 18.4660



27.5728, -17.7198, 3.7884



15.2984, -2.2395, 1.4928



32.6240, -26.8044, 17.0858



77.2302, -64.1117, 41.8676

Inverse Universe

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



15.7218, 29.1360, -6.9894



20.5089, 37.9416, -8.6035



14.7206, 25.5015, 7.2466



14.6309, 0.6942, 0.1377



19.0648, 35.2854, -8.1181



45.0043, 82.9808, -16.7299

Previews

White Background



This preview shows how the HunterLab color 26.8773, -21.9962, 13.8892 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

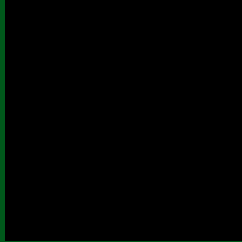
Any Text WCAG AA × Fail

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 26.8773, -21.9962, 13.8892 Background



This preview shows how black text looks on a background with the HunterLab color 26.8773, -21.9962, 13.8892.



This preview shows how white text looks on a background with the HunterLab color 26.8773,

-21.9962, 13.8892.

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

26.8773, -21.9962, 13.8892

Protanopia

26.7696, -3.5340, 14.5195

Deuteranopia

27.0329, 1.3990, 13.5263



Tritanopia

27.0181, -9.8463, -4.7506

Trichromacy



Original Color

26.8773, -21.9962, 13.8892

Protanomaly

25.9602, -13.5315, 13.6592

Deuteranomaly

25.7906, -11.1731, 12.7163

Tritanomaly

26.6165, -15.6293, 4.2986

Monochromacy



Original Color

26.8773, -21.9962, 13.8892

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

21.3567, -10.8464, 6.0778

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.8773, -21.9962, 13.8892 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(0, 89, 27)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 27)  
}
```

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(0, 89, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 26.8773, -21.9962, 13.8892 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(0, 89, 27) }
```


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

```
.border{ border-color:rgb(0, 89, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 89, 27); box-shadow:4px  
4px 4px 4px rgb(0, 89, 27) }
```

Background

The CSS property to change the background color of an element to HunterLab 26.8773, -21.9962, 13.8892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 27) }
```

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

```
.background{ background-color: rgb(0, 89,  
27) }
```

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