

Converting Colors

HunterLab(30.8686, -26.1694,
17.9090)

Have a look what the booklet for
HunterLab(30.8686, -26.1694,
17.9090) contains.

HunterLab(30.8695, -26.1637, 17.8956)	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(30.8695,
-26.1637, 17.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	00660C
RGB	0, 102, 12
RGB Percent	0%, 40%, 5%
CMY	1.0000, 0.6000, 0.9529
CMYK	1.00, 0.00, 0.88, 0.60
HSL	127°, 100%, 20%
HSV	127°, 100%, 40%
XYZ	4.8177, 9.5293, 1.9332
YIQ	61.2420, -31.9020, -49.6140

Conversions

Conversions Part 2

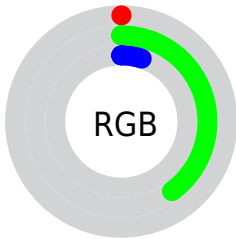
Format	Color
RYB	0, 91, 102
Decimal	26124
CIELab	36.98, -43.34, 39.18
CIELCh	37, 58.419, 137.888
Yxy	9.5297, 0.2959, 0.5853
Android (android.graphics.Color)	4278216204 (0xFF00660C)
YUV	61.2420, -24.2763, -53.7092
Hunter-Lab	30.8695, -26.1637, 17.8956

Details

The HunterLab color **30.8695, -26.1637, 17.8956** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **18.8760, 36.2362, -18.1156**, and the grayscale version is **21.7755, -1.1619, 1.1831**.

A 20% lighter version of the original color is **49.8589, -33.0019, 24.3771**, and **15.9568, -13.6830, 9.5930** is the 20% darker color. If you saturate the color by 10%, you get **30.8701, -26.1641, 17.8957**, and if you desaturate by 10%, it is **31.0211, -25.4320, 17.3135**.

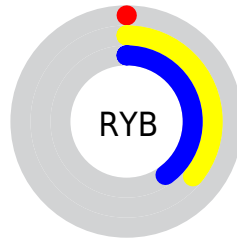
Distribution



Red (0%)

Green (40%)

Blue (5%)



Red (0%)

Yellow (36%)

Blue (40%)

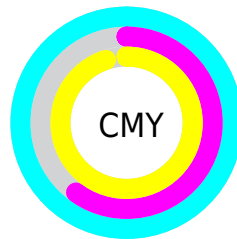


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (60%)



Cyan (100%)

Magenta (60%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8695, -26.1637, 17.8956 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 30.8695, -26.1637, 17.8956 by changing the saturation by 10% instead.

■ 30.8695, -26.1637,
17.8956

■ 30.8695, -26.1637,
17.8956

136.8508,
-52.9245, 43.2280

■ 22.5571, -22.2677,
14.4393

■ 49.9069, -33.0590,
24.4115

■ 15.1629, -17.9503,
10.6140

■ 60.5076, -36.2065,
27.3960

■ 8.7935, -15.3886,
6.1554

■ 71.7679, -39.2135,
30.2472

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.6512, -42.1086,
32.9909

0.0000, NaN, NaN

■ 96.1264, -44.9129,
35.6470

0.0000, NaN, NaN


■ 109.1666,


0.0000, NaN, NaN


-47.6424, 38.2308


0.0000, NaN, NaN


 122.7483,
-50.3096, 40.7546


 30.8695, -26.1637,
17.8956


 30.8695, -26.1637,
17.8956


 30.8701, -26.1641,
17.8957

 31.0211, -25.4320,
17.3135

 31.2247, -24.4443,
16.4798

 31.5194, -23.0436,
15.4076

 31.9122, -21.2135,
14.0969

 32.4074, -18.9531,
12.5549

■ 33.0075, -16.2748,
10.7951

■ 33.7134, -13.2016,
8.8356

■ 34.5243, -9.7644,
6.6978

■ 35.4381, -5.9993,
4.4049

Harmonies

Analogous

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



30.8701, -13.0491, 20.5119



30.8695, -26.1637, 17.8956



30.8701, -31.9364, 8.6744

Triad

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



30.8701, -26.1641, 17.8957



30.8701, -9.6375, -63.9455



30.8701, 46.6658, 11.2680

Complementary

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



30.8695, -26.1637, 17.8956



18.8760, 36.2362, -18.1156

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.



30.8701, 48.2950, -7.4666



30.8695, -26.1637, 17.8956



30.8701, 11.6913, -61.3388

Square

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



30.8701, -26.1641, 17.8957



30.8701, -24.2417, -42.2643



30.8701, 34.1817, -36.5241



30.8701, 30.1902, 18.7153

Rectangle

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



30.8695, -26.1637, 17.8956



30.8701, -32.2245, -4.0403



30.8701, 34.1817, -36.5241



30.8701, 49.1011, 6.4801

Sweetspot

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



30.8701, -26.1641, 17.8957



44.5600, -17.8525, 11.9338



34.1787, -12.9253, 20.8345



21.5042, -9.2712, 6.1763



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



30.8701, -26.1641, 17.8957



40.8680, -34.7278, 23.8858



31.4020, -22.8598, 10.0979



17.7409, -2.7828, 2.0711



34.9784, -29.6840, 20.3592



79.8370, -68.0744, 47.1637

Inverse Universe

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



18.8760, 36.2362, -18.1156



24.9766, 47.9148, -23.7179



17.2396, 30.3769, 4.5233



16.9816, 1.0040, -0.2128



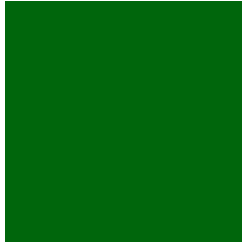
21.3830, 41.0356, -20.4190



48.7477, 93.4140, -45.4928

Previews

White Background



This preview shows how the HunterLab color 30.8695, -26.1637, 17.8956 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 30.8695, -26.1637, 17.8956 Background



This preview shows how black text looks on a background with the HunterLab color 30.8695, -26.1637, 17.8956.



This preview shows how white text looks on a background with the HunterLab color 30.8695,

-26.1637, 17.8956.

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

30.8695, -26.1637, 17.8956

Protanopia

30.7021, -4.4378, 18.5081

Deuteranopia

30.8349, 1.4699, 17.2576



Tritanopia

31.1083, -11.1942, -5.4839

Trichromacy



Original Color

30.8695, -26.1637, 17.8956

Protanomaly

29.4889, -16.1489, 17.4263

Deuteranomaly

29.3735, -13.5040, 16.5275

Tritanomaly

30.6767, -19.2070, 7.3676

Monochromacy



Original Color

30.8695, -26.1637, 17.8956

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

24.0305, -13.4019, 8.9339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8695, -26.1637, 17.8956 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, 102, 12)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 12)  
}
```

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, 102, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8695, -26.1637, 17.8956 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, 102, 12) }
```


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

```
.border{ border-color:rgb(0, 102, 12) }
```

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

Here you see how a box with a 4 pixel rgb(0, 102, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 12);  
box-shadow:4px 4px 4px 4px rgb(0, 102, 12)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.8695, -26.1637, 17.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 12) }
```

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

```
.background{ background-color: rgb(0, 102,  
12) }
```

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