

Converting Colors

HunterLab(30.0723, -25.3807,
17.2019)

Have a look what the booklet for
HunterLab(30.0723, -25.3807,
17.2019) contains.

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Color

**HunterLab(29.9302,
-25.2538, 17.1055)**

Conversions

Conversions Part 1

Format	Color
Hex	00630F
RGB	0, 99, 15
RGB Percent	0%, 39%, 6%
CMY	1.0000, 0.6118, 0.9412
CMYK	1.00, 0.00, 0.85, 0.61
HSL	129°, 100%, 19%
HSV	129°, 100%, 39%
XYZ	4.5481, 8.9582, 1.9413
YIQ	59.8230, -32.0400, -47.1120

Conversions

Conversions Part 2

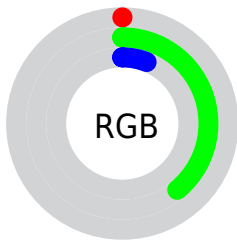
Format	Color
RYB	0, 86, 99
Decimal	25359
CIELab	35.90, -42.20, 37.24
CIELCh	36, 56.281, 138.573
Yxy	8.9585, 0.2944, 0.5799
Android (android.graphics.Color)	4278215439 (0xFF00630F)
YUV	59.8230, -22.0977, -52.4648
Hunter-Lab	29.9302, -25.2538, 17.1055

Details

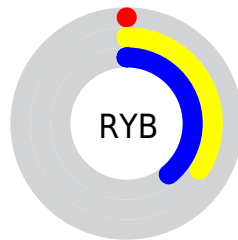
The HunterLab color $[29.9302, -25.2538, 17.1055]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[18.1461, 34.6030, -15.6166]$, and the grayscale version is $[21.2782, -1.1354, 1.1561]$.

A 20% lighter version of the original color is $[48.8410, -32.0425, 23.4637]$, and $[15.3872, -13.1945, 9.2505]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.9308, -25.2542, 17.1056]$, and if you desaturate by 10%, it is $[30.0856, -24.4992, 16.4701]$.

Distribution



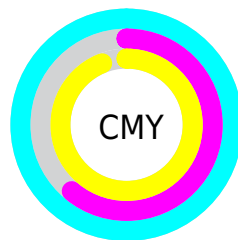
- Red (0%)
- Green (39%)
- Blue (6%)



- Red (0%)
- Yellow (34%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9302, -25.2538, 17.1055 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 29.9302, -25.2538, 17.1055 by changing the saturation by 10% instead.

■ 29.9302, -25.2538,
17.1055

■ 29.9302, -25.2538,
17.1055

135.3027,
-51.5361, 41.4870

■ 21.7121, -21.4161,
13.7813

■ 48.8029, -32.0314,
23.3735

■ 14.4241, -17.2807,
10.0968

■ 59.3299, -35.1221,
26.2426

■ 8.0848, -14.1485,
5.6594

■ 70.5208, -38.0742,
28.9840

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3383, -40.9161,
31.6234

0.0000, NaN, NaN

■ 94.7509, -43.6690,
34.1799


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.7313,


-46.3488, 36.6685


0.0000, NaN, NaN


 121.2556,
-48.9679, 39.1011


 29.9302, -25.2538,
17.1055


 29.9302, -25.2538,
17.1055


 29.9308, -25.2542,
17.1056

 30.0856, -24.4992,
16.4701

 30.2884, -23.5115,
15.6044

 30.5780, -22.1337,
14.5269

 30.9606, -20.3517,
13.2408

 31.4404, -18.1656,
11.7550

■ 32.0195, -15.5875,
10.0835

■ 32.6987, -12.6392,
8.2436

■ 33.4772, -9.3498,
6.2556

■ 34.3532, -5.7530,
4.1404

Harmonies

Analogous

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



29.9308, -12.8530, 19.7670



29.9302, -25.2538, 17.1055



29.9308, -30.6614, 7.9895

Triad

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



29.9308, -25.2542, 17.1056



29.9308, -8.8194, -60.6581



29.9308, 44.0804, 11.0701

Complementary

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



29.9302, -25.2538, 17.1055



18.1461, 34.6030, -15.6166

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.



29.9308, 45.9889, -6.5311



29.9302, -25.2538, 17.1055



29.9308, 11.6118, -57.6240

Square

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



29.9308, -25.2542, 17.1056



29.9308, -22.9695, -40.6212



29.9308, 32.8969, -33.9230



29.9308, 28.2139, 18.1001

Rectangle

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



29.9302, -25.2538, 17.1055



29.9308, -30.8490, -4.3304



29.9308, 32.8969, -33.9230



29.9308, 46.5050, 6.5699

Sweetspot

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



29.9308, -25.2542, 17.1056



42.7452, -16.9025, 11.0111



32.8875, -13.4171, 20.0302



20.7121, -8.7915, 5.7090



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.



29.9308, -25.2542, 17.1056



39.1872, -33.1646, 22.6122



30.4930, -21.7670, 8.8751



16.9177, -2.6131, 1.9101



34.1658, -28.8742, 19.6268



78.9133, -67.0828, 46.1779

Inverse Universe

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



18.1461, 34.6030, -15.6166



23.7424, 45.2356, -20.1310



16.6494, 29.2291, 5.2049



16.1942, 0.9133, -0.1308



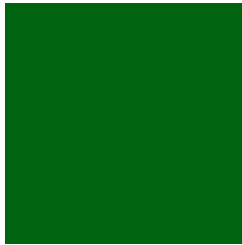
20.7067, 39.4681, -17.6835



47.7519, 90.8433, -39.4274

Previews

White Background



This preview shows how the HunterLab color 29.9302, -25.2538, 17.1055 looks on a white background.

Color Contrast Check

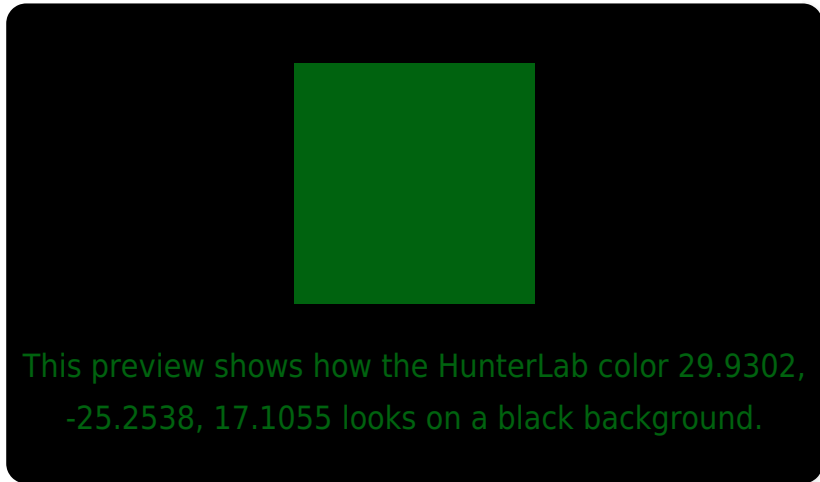
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9302, -25.2538, 17.1055 Background



This preview shows how black text looks on a background with the HunterLab color 29.9302, -25.2538, 17.1055.



This preview shows how white text looks on a background with the HunterLab color 29.9302,

-25.2538, 17.1055.

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

29.9302, -25.2538, 17.1055

Protanopia

29.9233, -4.4755, 17.7329

Deuteranopia

29.7927, 1.7791, 16.4444



Tritanopia

30.0763, -10.8407, -5.4244

Trichromacy



Original Color

29.9302, -25.2538, 17.1055

Protanomaly

28.8089, -15.8047, 16.7594

Deuteranomaly

28.4035, -12.8307, 15.6930

Tritanomaly

29.7215, -18.4262, 6.7602

Monochromacy



Original Color

29.9302, -25.2538, 17.1055

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

23.4339, -12.8050, 8.1868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9302, -25.2538, 17.1055 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, 99, 15)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 15)  
}
```

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, 99, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9302, -25.2538, 17.1055 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, 99, 15) }
```


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

```
.border{ border-color:rgb(0, 99, 15) }
```

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

Here you see how a box with a 4 pixel rgb(0, 99, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 15); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 99, 15); box-shadow:4px  
4px 4px 4px rgb(0, 99, 15) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9302, -25.2538, 17.1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 15) }
```

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

```
.background{ background-color: rgb(0, 99,  
15) }
```

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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