

Converting Colors

HunterLab(27.4559, -16.7717,
9.1839)

Have a look what the booklet for
HunterLab(27.4559, -16.7717,
9.1839) contains.

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Color

**HunterLab(27.5737,
-16.8657, 9.1912)**

Conversions

Conversions Part 1

Format	Color
Hex	235836
RGB	35, 88, 54
RGB Percent	14%, 35%, 21%
CMY	0.8627, 0.6549, 0.7882
CMYK	0.60, 0.00, 0.39, 0.65
HSL	142°, 43%, 24%
HSV	142°, 60%, 35%
XYZ	4.8487, 7.6031, 4.7020
YIQ	68.2770, -20.6740, -21.8100

Conversions

Conversions Part 2

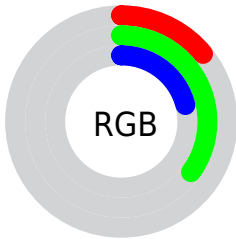
Format	Color
R_{YB}	35, 74, 88
Decimal	2316342
CIE _{Lab}	33.14, -26.38, 14.56
CIE _{LCh}	33, 30.134, 151.105
Yxy	7.6034, 0.2827, 0.4432
Android (android.graphics.Color)	4280506422 (0xFF235836)
YUV	68.2770, -7.0386, -29.1839
Hunter-Lab	27.5737, -16.8657, 9.1912

Details

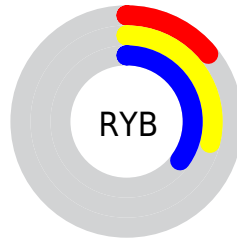
The HunterLab color $[27.5737, -16.8657, 9.1912]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[19.2525, 19.1553, -5.1410]$, and the grayscale version is $[24.1699, -1.2896, 1.3132]$.

A 20% lighter version of the original color is $[45.8779, -21.2100, 11.9872]$, and $[12.9532, -10.5033, 6.4834]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.2366, -18.4224, 10.2894]$, and if you desaturate by 10%, it is $[27.9880, -15.0093, 8.0308]$.

Distribution



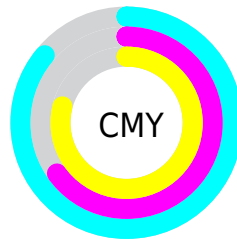
- Red (14%)
- Green (35%)
- Blue (21%)



- Red (14%)
- Yellow (29%)
- Blue (35%)



- Cyan (60%)
- Magenta (0%)
- Yellow (39%)
- Black (65%)



- Cyan (86%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5737, -16.8657, 9.1912 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 27.5737, -16.8657, 9.1912 by changing the saturation by 10% instead.

■ 27.5737, -16.8657,
9.1912

■ 27.5737, -16.8657,
9.1912

131.3725,
-35.1551, 21.6750

■ 19.6016, -14.3352,
7.6174

■ 46.0187, -21.4107,
12.1152

■ 12.5925, -11.5629,
6.1486

■ 56.3548, -23.5215,
13.5153

■ 5.8986, -10.3226,
4.1290

■ 67.3663, -25.5613,
14.8931

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.0142, -27.5470,
16.2572

0.0000, NaN, NaN

■ 91.2654, -29.4911,
17.6135

0.0000, NaN, NaN

■ 104.0915,

0.0000, NaN, NaN

-31.4027, 18.9665

0.0000, NaN, NaN

117.4678,
-33.2888, 20.3195

27.5737, -16.8657,
9.1912

27.5737, -16.8657,
9.1912

27.2366, -18.4224,
10.2894

27.9880, -15.0093,
8.0308

26.9720, -19.6770,
11.3127

28.4796, -12.8616,
6.8200

26.7753, -20.6408,
12.2500

29.0495, -10.4388,
5.5721

26.6112, -21.4529,
13.0489

29.6972, -7.7615,
4.2996

30.4216, -4.8533,
3.0142

■ 31.2206, -1.7399,
1.7265

■ 32.0918, 1.5532,
0.4460

■ 33.0323, 5.0009,
-0.8197

■ 34.0392, 8.5797,
-2.0643

Harmonies

Analogous

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



27.5743, -11.0478, 13.3135



27.5737, -16.8657, 9.1912



27.5743, -18.7300, 1.1320

Triad

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



27.5743, -16.8661, 9.1914



27.5743, -1.0865, -25.0407



27.5743, 17.7888, 9.6205

Complementary

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



27.5737, -16.8657, 9.1912



19.2525, 19.1553, -5.1410

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.



27.5743, 21.4629, 1.8648



27.5737, -16.8657, 9.1912



27.5743, 9.6183, -20.2155

Square

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



27.5743, -16.8661, 9.1914



27.5743, -10.4721, -20.8423



27.5743, 18.2748, -9.3437



27.5743, 8.8529, 13.4890

Rectangle

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



27.5737, -16.8657, 9.1912



27.5743, -17.7364, -6.2512



27.5743, 18.2748, -9.3437



27.5743, 19.7348, 7.5015

Sweetspot

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



27.5743, -16.8661, 9.1914



39.4191, -9.6558, 5.4089



28.9531, -11.9533, 14.3752



19.7499, -5.2322, 2.8921



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.



27.5743, -16.8661, 9.1914



35.8591, -25.0983, 14.1812



28.1372, -13.5055, 1.0883



15.3037, -2.2096, 1.4159



32.6784, -26.4650, 16.2851



77.3496, -63.3656, 40.1080

Inverse Universe

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



19.2525, 19.1553, -5.1410



23.0780, 30.7905, -7.3908



18.5767, 16.1195, 4.4497



14.6251, 0.6628, 0.2207



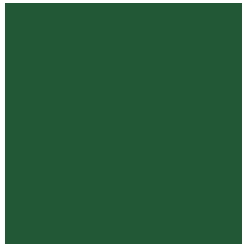
18.8627, 34.5615, -5.3189



44.5110, 81.2096, -9.8666

Previews

White Background



This preview shows how the HunterLab color 27.5737, -16.8657, 9.1912 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

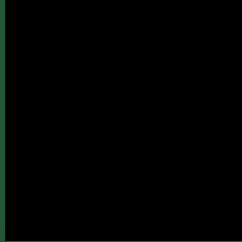
Any Text WCAG AA × Fail

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 27.5737, -16.8657, 9.1912 Background



This preview shows how black text looks on a background with the HunterLab color 27.5737, -16.8657, 9.1912.



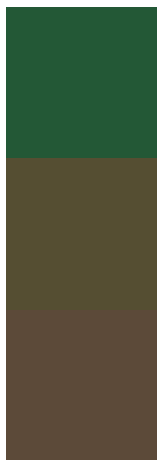
This preview shows how white text looks on a background with the HunterLab color 27.5737,

-16.8657, 9.1912.

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

27.5737, -16.8657, 9.1912

Protanopia

27.5869, -2.6834, 10.4665

Deuteranopia

27.3281, 1.8229, 8.4733



Tritanopia

27.6761, -8.8165, -3.8224

Trichromacy



Original Color

27.5737, -16.8657, 9.1912

Protanomaly

27.3256, -9.0859, 9.8832

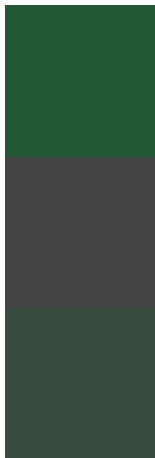
Deuteranomaly

26.8646, -6.4268, 8.1842

Tritanomaly

27.4318, -11.9379, 1.5191

Monochromacy



Original Color

27.5737, -16.8657, 9.1912

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.9636, -7.6183, 4.0800

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5737, -16.8657, 9.1912 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, 88, 54)` looks like.

```
.text, #text, p{  
    color:rgb(35, 88, 54)  
}
```

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, 88, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 88, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5737, -16.8657, 9.1912 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, 88, 54) }
```


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

```
.border{ border-color:rgb(35, 88, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 88, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 88, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 88, 54);  
box-shadow:4px 4px 4px 4px rgb(35, 88, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.5737, -16.8657, 9.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 88, 54) }
```

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

```
.background{ background-color: rgb(35, 88,  
54) }
```

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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