

Converting Colors

HunterLab(27.4013, -3.9234,
3.8643)

Have a look what the booklet for
HunterLab(27.4013, -3.9234, 3.8643)
contains.

HunterLab(27.3911, -3.8988, 3.9065)	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(27.3911, -3.8988,
3.9065)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4F47
RGB	74, 79, 71
RGB Percent	29%, 31%, 28%
CMY	0.7098, 0.6902, 0.7216
CMYK	0.06, 0.00, 0.10, 0.69
HSL	98°, 5%, 29%
HSV	98°, 10%, 31%
XYZ	6.7573, 7.5027, 7.0533
YIQ	76.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

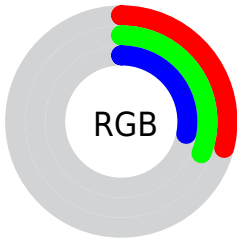
Format	Color
R_{YB}	71, 79, 76
Decimal	4869959
CIE _{Lab}	32.93, -3.75, 4.03
CIE _{LCh}	33, 5.507, 132.944
Yxy	7.5030, 0.3170, 0.3520
Android (android.graphics.Color)	4283060039 (0xFF4A4F47)
YUV	76.5930, -2.7573, -2.2741
Hunter-Lab	27.3911, -3.8988, 3.9065

Details

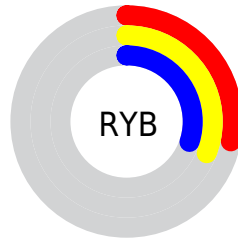
The HunterLab color $[27.3911, -3.8988, 3.9065]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[25.7054, 1.1609, -1.2026]$, and the grayscale version is $[27.1062, -1.4463, 1.4727]$.

A 20% lighter version of the original color is $[45.8052, -5.2705, 5.5420]$, and $[12.4977, -2.6458, 2.4428]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.8696, -6.1343, 6.0402]$, and if you desaturate by 10%, it is $[27.9552, -1.5233, 1.5508]$.

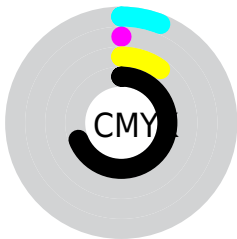
Distribution



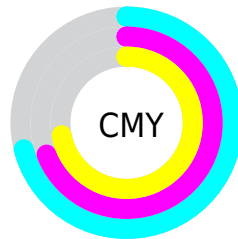
- Red (29%)
- Green (31%)
- Blue (28%)



- Red (28%)
- Yellow (31%)
- Blue (30%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (69%)



- Cyan (71%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.3911, -3.8988, 3.9065 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 27.3911, -3.8988, 3.9065 by changing the saturation by 10% instead.

■ 27.3911, -3.8988,
3.9065

■ 27.3911, -3.8988,
3.9065

131.0651,
-11.1537, 11.3346

■ 19.4387, -3.2015,
3.1862

■ 45.8021, -5.3532,
5.4012

■ 12.4520, -2.5154,
2.4737

■ 56.1230, -6.1132,
6.1803

■ 5.6912, -3.1765,
3.2458

■ 67.1203, -6.8962,
6.9822

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.7548, -7.7023,
7.8071

0.0000, NaN, NaN

■ 90.9931, -8.5314,
8.6550

0.0000, NaN, NaN

103.8070, -9.3832,

0.0000, NaN, NaN

117.1716,
-10.2574, 10.4190

■ 27.3911, -3.8988,
3.9065

■ 27.3911, -3.8988,
3.9065

■ 26.8696, -6.1343,
6.0402

■ 27.9552, -1.5233,
1.5508

■ 26.3897, -8.2161,
7.9401

■ 28.5592, 0.9821,
-1.0157

■ 25.9526, -10.1340,
9.5978

■ 29.2024, 3.6045,
-3.7794

■ 25.5588, -11.8784,
11.0076

■ 29.8835, 6.3323,
-6.7266

■ 25.2081, -13.4417,
12.1670

■ 30.6012, 9.1539,
-9.8434

■ 24.9003, -14.8185,
13.0780

■ 31.3542, 12.0587,
-13.1163

■ 24.6345, -16.0065,
13.7478

■ 32.1409, 15.0368,
-16.5322

■ 24.4087, -17.0109,
14.1987

■ 32.9600, 18.0790,
-20.0785

■ 24.2127, -17.8933,
14.6065

■ 33.8100, 21.1772,
-23.7437

Harmonies

Analogous

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



27.3917, -2.2738, 4.6560



27.3911, -3.8988, 3.9065



27.3917, -4.8573, 2.4874

Triad

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



27.3917, -3.8994, 3.9069



27.3917, -2.5226, -2.0308



27.3917, 2.1761, 2.2555

Complementary

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



27.3911, -3.8988, 3.9065



25.7054, 1.1609, -1.2026

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.



27.3917, 2.1051, 0.4557



27.3911, -3.8988, 3.9065



27.3917, -0.6427, -2.1035

Square

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



27.3917, -3.8994, 3.9069



27.3917, -4.0774, -0.9749



27.3917, 1.0617, -1.1672



27.3917, 1.2532, 3.7470

Rectangle

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



27.3911, -3.8988, 3.9065



27.3917, -5.0048, 1.3125



27.3917, 1.0617, -1.1672



27.3917, 2.2684, 1.6683

Sweetspot

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



27.3917, -3.8994, 3.9069



36.2171, -2.9263, 2.9655



26.9763, -1.2743, 3.4982



18.0560, -1.5526, 1.5719



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



27.3917, -3.8994, 3.9069



35.5458, -5.7684, 5.7571



27.2009, -4.5382, 3.3426



13.7578, -1.7771, 1.7850



31.4951, -23.6072, 18.9938



76.3518, -58.8059, 46.0182

Inverse Universe

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



25.7054, 1.1609, -1.2026



32.8561, 2.3054, -2.3975



25.9229, 1.8406, -0.5090



13.0383, 0.3815, -0.3942



14.2873, 31.1817, -42.8153



34.0087, 74.9571, -107.6051

Previews

White Background



This preview shows how the HunterLab color 27.3911, -3.8988, 3.9065 looks on a white background.

Color Contrast Check

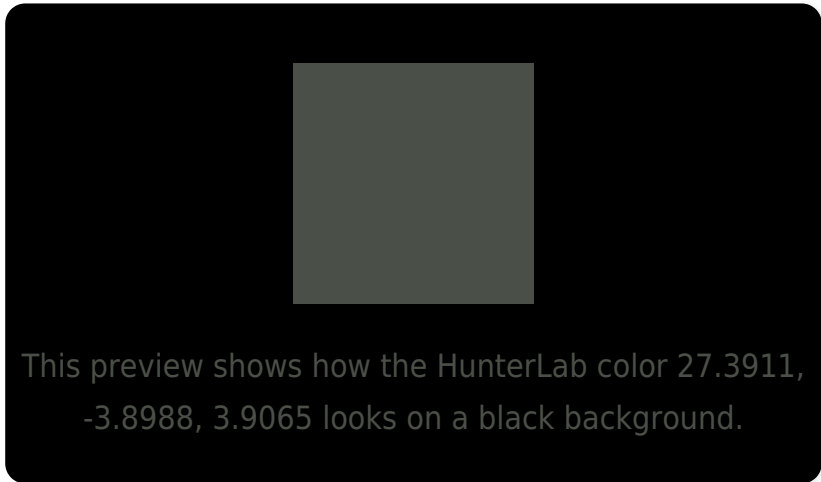
Large Text (above 18pt) WCAG AA ✓ Pass

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

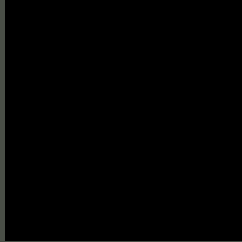
Any Text WCAG AA × Fail

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 27.3911, -3.8988, 3.9065 Background



This preview shows how black text looks on a background with the HunterLab color 27.3911, -3.8988, 3.9065.



This preview shows how white text looks on a background with the HunterLab color 27.3911, -3.8988, 3.9065.

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

27.3911, -3.8988, 3.9065

Protanopia

27.3046, -1.5795, 4.2153

Deuteranopia

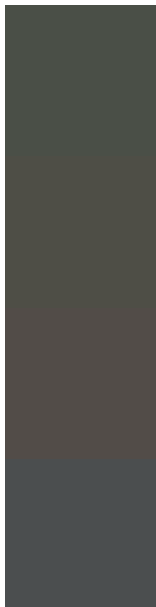
27.4340, 1.5457, 3.6818



Tritanopia

27.3291, -0.8271, -0.9286

Trichromacy



Original Color

27.3911, -3.8988, 3.9065

Protanomaly

27.4056, -2.5509, 4.3069

Deuteranomaly

27.2591, -0.3345, 3.4561

Tritanomaly

27.4028, -2.1143, 0.8437

Monochromacy



Original Color

27.3911, -3.8988, 3.9065

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.3739, -2.4223, 2.4074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.3911, -3.8988, 3.9065 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(74, 79, 71)` looks like.

```
.text, #text, p{  
    color:rgb(74, 79, 71)  
}
```

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(74, 79, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 79, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 27.3911, -3.8988, 3.9065 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(74, 79, 71) }
```


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

```
.border{ border-color:rgb(74, 79, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 79, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 79, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 79, 71);  
box-shadow:4px 4px 4px 4px rgb(74, 79, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.3911, -3.8988, 3.9065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 79, 71) }
```

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

```
.background{ background-color: rgb(74, 79,  
71) }
```

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