

Converting Colors

HunterLab(28.2811, -13.4123,
5.7361)

Have a look what the booklet for
HunterLab(28.2811, -13.4123,
5.7361) contains.

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Color

**HunterLab(28.2863,
-13.4972, 5.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5844
RGB	47, 88, 68
RGB Percent	18%, 35%, 27%
CMY	0.8157, 0.6549, 0.7333
CMYK	0.47, 0.00, 0.23, 0.65
HSL	151°, 30%, 26%
HSV	151°, 47%, 35%
XYZ	5.7054, 8.0011, 6.7125
YIQ	73.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

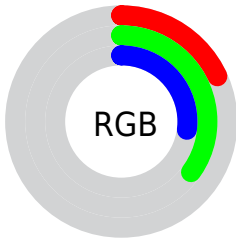
Format	Color
RYB	47, 74, 88
Decimal	3102788
CIELab	33.99, -19.68, 7.17
CIELCh	34, 20.948, 159.973
Yxy	8.0015, 0.2794, 0.3918
Android (android.graphics.Color)	4281292868 (0xFF2F5844)
YUV	73.4610, -2.6923, -23.2063
Hunter-Lab	28.2863, -13.4972, 5.7305

Details

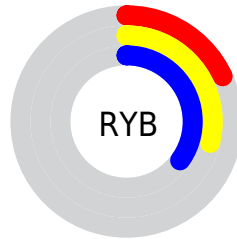
The HunterLab color **28.2863, -13.4972, 5.7305** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21.2442, 13.6934, -1.4906**, and the grayscale version is **25.9906, -1.3868, 1.4121**.

A 20% lighter version of the original color is **46.7662, -17.1063, 7.5699**, and **13.1382, -9.3588, 3.7814** is the 20% darker color. If you saturate the color by 10%, you get **27.8613, -15.3540, 6.6696**, and if you desaturate by 10%, it is **28.7863, -11.3789, 4.8075**.

Distribution



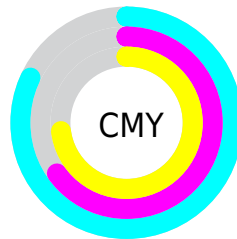
- Red (18%)
- Green (35%)
- Blue (27%)



- Red (18%)
- Yellow (29%)
- Blue (35%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2863, -13.4972, 5.7305 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 28.2863, -13.4972, 5.7305 by changing the saturation by 10% instead.

■ 28.2863, -13.4972,
5.7305

■ 28.2863, -13.4972,
5.7305

■ 132.5683,
-28.3792, 14.6227

■ 20.2383, -11.5515,
4.7705

■ 46.8629, -17.0715,
7.6323

■ 13.1429, -9.4158,
3.7799

■ 57.2577, -18.7629,
8.5903

■ 6.6428, -11.6249,
4.6500

■ 68.3243, -20.4147,
9.5590

0.0000, NaN, NaN

■ 80.0242, -22.0380,
10.5407

0.0000, NaN, NaN

■ 92.3249, -23.6408,
11.5371

0.0000, NaN, NaN

■ 105.1983,

0.0000, NaN, NaN

-25.2291, 12.5492

0.0000, NaN, NaN

118.6199,
-26.8074, 13.5775

■ 28.2863, -13.4972,
5.7305

■ 28.2863, -13.4972,
5.7305

■ 27.8613, -15.3540,
6.6696

■ 28.7863, -11.3789,
4.8075

■ 27.5080, -16.9386,
7.6134

■ 29.3598, -9.0128,
3.9089

■ 27.2247, -18.2486,
8.5513

■ 30.0070, -6.4182,
3.0433

■ 27.0074, -19.2891,
9.4717

■ 30.7266, -3.6161,
2.2173

■ 26.8340, -20.1438,
10.3480

■ 31.5168, -0.6293,
1.4364

■ 26.7764, -20.4273,
10.6284

■ 32.3753, 2.5196,
0.7044

■ 33.2995, 5.8084,
0.0240

■ 34.2866, 9.2165,
-0.6036

■ 35.3337, 12.7248,
-1.1779

Harmonies

Analogous

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



28.2869, -9.9535, 9.9615



28.2863, -13.4972, 5.7305



28.2869, -14.0192, -0.8649

Triad

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



28.2869, -13.4976, 5.7308



28.2869, 0.9545, -14.9649



28.2869, 10.0355, 8.8280

Complementary

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



28.2863, -13.4972, 5.7305



21.2442, 13.6934, -1.4906

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.



28.2869, 13.6378, 3.7502



28.2863, -13.4972, 5.7305



28.2869, 8.0552, -10.6836

Square

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



28.2869, -13.4976, 5.7308



28.2869, -6.1467, -14.0454



28.2869, 12.8786, -3.4105



28.2869, 3.4443, 11.4109

Rectangle

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



28.2863, -13.4972, 5.7305



28.2869, -12.6441, -5.9533



28.2869, 12.8786, -3.4105



28.2869, 11.6649, 7.4171

Sweetspot

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



28.2869, -13.4976, 5.7308



39.8738, -7.7206, 3.7872



28.9760, -11.5764, 12.1492



20.0036, -4.1483, 1.9870



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.



28.2869, -13.4976, 5.7308



36.7776, -20.5877, 8.9769



28.7901, -10.5553, -1.4586



15.3189, -2.1252, 1.1993



32.8796, -25.2144, 13.3340



77.8125, -60.4850, 33.3109

Inverse Universe

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



21.2442, 13.6934, -1.4906



25.6085, 22.9079, -2.2257



20.7681, 11.3948, 5.3188



14.6090, 0.5761, 0.4499



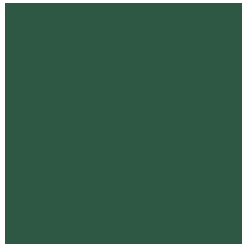
18.3906, 32.8547, 1.3399



43.3810, 77.1151, 6.1429

Previews

White Background



This preview shows how the HunterLab color 28.2863, -13.4972, 5.7305 looks on a white background.

Color Contrast Check

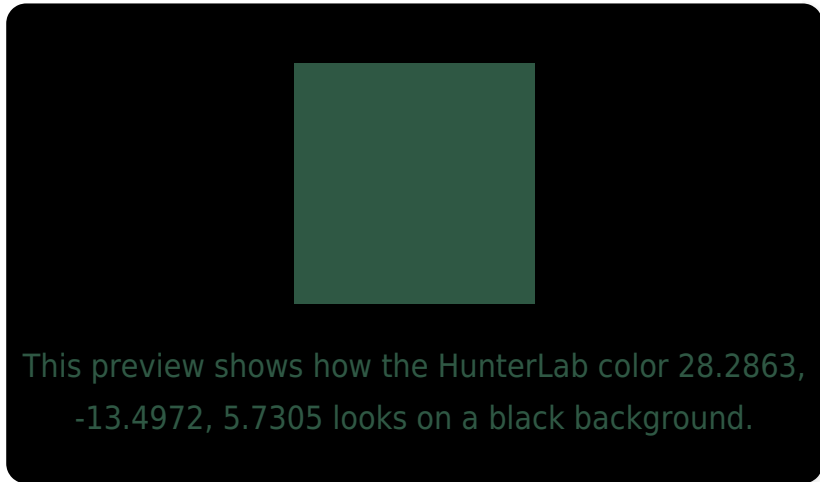
Large Text (above 18pt) WCAG AA ✓ Pass

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

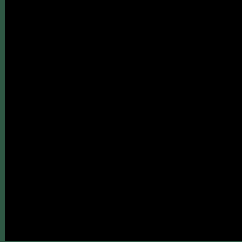
Any Text WCAG AA × Fail

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 28.2863, -13.4972, 5.7305 Background



This preview shows how black text looks on a background with the HunterLab color 28.2863, -13.4972, 5.7305.



This preview shows how white text looks on a background with the HunterLab color 28.2863,

-13.4972, 5.7305.

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

28.2863, -13.4972, 5.7305

Protanopia

28.0952, -1.7214, 7.0459

Deuteranopia

28.2384, 1.6183, 5.2628



Tritanopia

28.3312, -7.6912, -3.8665

Trichromacy



Original Color

28.2863, -13.4972, 5.7305

Protanomaly

27.8493, -6.6261, 6.3976

Deuteranomaly

27.9471, -4.7199, 5.1936

Tritanomaly

28.2558, -9.9371, 0.0652

Monochromacy



Original Color

28.2863, -13.4972, 5.7305

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.4456, -5.9431, 2.8268

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2863, -13.4972, 5.7305 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(47, 88, 68)` looks like.

```
.text, #text, p{  
  color:rgb(47, 88, 68)  
}
```

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(47, 88, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 88, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2863, -13.4972, 5.7305 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(47, 88, 68) }
```


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

```
.border{ border-color:rgb(47, 88, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 88, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 88, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 88, 68);  
box-shadow:4px 4px 4px 4px rgb(47, 88, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.2863, -13.4972, 5.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 88, 68) }
```

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

```
.background{ background-color: rgb(47, 88,  
68) }
```

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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