

Converting Colors

HunterLab(28.6975, -13.9767,
10.4490)

Have a look what the booklet for
HunterLab(28.6975, -13.9767,
10.4490) contains.

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Color

**HunterLab(28.7098,
-13.8962, 10.4919)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 385935 |
| RGB | 56, 89, 53 |
| RGB Percent | 22%, 35%, 21% |
| CMY | 0.7804, 0.6510, 0.7922 |
| CMYK | 0.37, 0.00, 0.40, 0.65 |
| HSL | 115°, 25%, 28% |
| HSV | 115°, 40%, 35% |
| XYZ | 5.8459, 8.2425, 4.6510 |
| YIQ | 75.0290, -8.1120, -18.1920 |

Conversions

Conversions Part 2

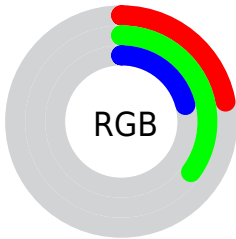
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 53, 89, 86 |
| Decimal | 3692853 |
| CIELab | 34.48, -20.23, 17.13 |
| CIElCh | 34, 26.509, 139.753 |
| Yxy | 8.2429, 0.3120, 0.4399 |
| Android (android.graphics.Color) | 4281882933 (0xFF385935) |
| YUV | 75.0290, -10.8603, -16.6884 |
| Hunter-Lab | 28.7098, -13.8962, 10.4919 |

Details

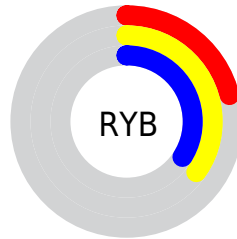
The HunterLab color $[28.7098, -13.8962, 10.4919]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.9044, 13.8026, -10.1111]$, and the grayscale version is $[26.5760, -1.4180, 1.4439]$.

A 20% lighter version of the original color is $[47.3166, -17.3195, 13.7456]$, and $[13.4856, -9.6859, 7.0040]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.1997, -16.1776, 12.0624]$, and if you desaturate by 10%, it is $[29.3038, -11.2977, 8.6669]$.

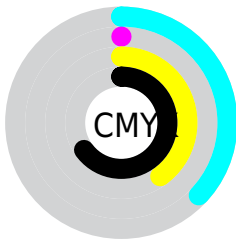
Distribution



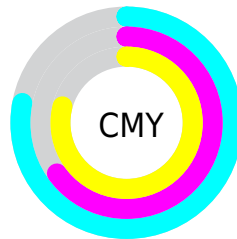
- Red (22%)
- Green (35%)
- Blue (21%)



- Red (21%)
- Yellow (35%)
- Blue (34%)



- Cyan (37%)
- Magenta (0%)
- Yellow (40%)
- Black (65%)



- Cyan (78%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7098, -13.8962, 10.4919 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 28.7098, -13.8962, 10.4919 by changing the saturation by 10% instead.

■ 28.7098, -13.8962,
10.4919

■ 28.7098, -13.8962,
10.4919

■ 133.2759,
-29.0356, 24.2458

■ 20.6173, -11.9125,
8.7125

■ 47.3637, -17.5392,
13.7696

■ 13.4714, -9.7355,
7.0161

■ 57.7929, -19.2617,
15.3255

■ 7.0454, -12.3294,
4.9317

■ 68.8919, -20.9429,
16.8484

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.6225, -22.5942,
18.3487

0.0000, NaN, NaN

■ 92.9523, -24.2236,
19.8337

0.0000, NaN, NaN

■ 105.8535,

0.0000, NaN, NaN

-25.8374, 21.3089

0.0000, NaN, NaN

119.3019,
-27.4402, 22.7786

■ 28.7098, -13.8962,
10.4919

■ 28.7098, -13.8962,
10.4919

■ 28.1997, -16.1776,
12.0624

■ 29.3038, -11.2977,
8.6669

■ 27.7712, -18.1222,
13.3670

■ 29.9790, -8.4041,
6.6022

■ 27.4236, -19.7202,
14.4019

■ 30.7345, -5.2433,
4.3173

■ 27.1538, -20.9704,
15.1709

■ 31.5681, -1.8445,
1.8334

■ 26.9574, -21.8843,
15.6911

■ 32.4770, 1.7626,
-0.8277

■ 26.8196, -22.5392,
16.1315

■ 33.4580, 5.5493,
-3.6441

■ 34.5078, 9.4886,
-6.5951

■ 35.6228, 13.5560,
-9.6615

■ 36.7995, 17.7295,
-12.8259

Harmonies

Analogous

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



28.7104, -7.3056, 13.3688



28.7098, -13.8962, 10.4919



28.7104, -17.0352, 4.4150

Triad

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



28.7104, -13.8967, 10.4922



28.7104, -4.6321, -20.5947



28.7104, 17.2152, 6.7172

Complementary

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



28.7098, -13.8962, 10.4919



22.9044, 13.8026, -10.1111

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.



28.7104, 18.1684, -1.6158



28.7098, -13.8962, 10.4919



28.7104, 4.7341, -19.3800

Square

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



28.7104, -13.8967, 10.4922



28.7104, -12.1534, -14.6001



28.7104, 13.3566, -11.6723



28.7104, 10.8970, 11.7164

Rectangle

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



28.7098, -13.8962, 10.4919



28.7104, -17.0558, -1.4565



28.7104, 13.3566, -11.6723



28.7104, 18.2018, 4.2860

Sweetspot

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



28.7104, -13.8967, 10.4922



39.9699, -7.6746, 6.2395



30.0613, -4.5668, 11.8005



20.0828, -4.0118, 3.2485



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.



28.7104, -13.8967, 10.4922



36.8497, -21.1692, 15.7826



28.8433, -12.8229, 6.3065



15.2925, -2.3184, 1.9357



32.5482, -27.4554, 19.5754



77.0272, -65.5703, 46.3159

Inverse Universe

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



22.9044, 13.8026, -10.1111



27.6230, 23.1178, -17.2264



22.7258, 12.2989, -2.6838



14.6368, 0.7797, -0.3621



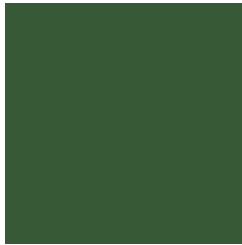
19.1575, 38.3598, -30.6584



45.1996, 90.6246, -73.2636

Previews

White Background



This preview shows how the HunterLab color 28.7098, -13.8962, 10.4919 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

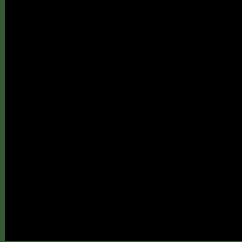
Any Text WCAG AA × Fail

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 28.7098, -13.8962, 10.4919 Background



This preview shows how black text looks on a background with the HunterLab color 28.7098, -13.8962, 10.4919.



This preview shows how white text looks on a background with the HunterLab color 28.7098,

-13.8962, 10.4919.

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

28.7098, -13.8962, 10.4919

Protanopia

28.6179, -3.0352, 11.3293

Deuteranopia

28.4255, 1.6950, 9.7415



Tritanopia

28.5530, -5.5284, -3.0547

Trichromacy



Original Color

28.7098, -13.8962, 10.4919

Protanomaly

28.4889, -7.5730, 10.9040

Deuteranomaly

28.1248, -4.6304, 9.6297

Tritanomaly

28.5518, -9.1363, 2.8535

Monochromacy



Original Color

28.7098, -13.8962, 10.4919

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.1505, -6.3200, 5.0233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7098, -13.8962, 10.4919 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(56, 89, 53)` looks like.

```
.text, #text, p{  
    color:rgb(56, 89, 53)  
}
```

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(56, 89, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 89, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7098, -13.8962, 10.4919 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(56, 89, 53) }
```


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

```
.border{ border-color:rgb(56, 89, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 89, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 89, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 89, 53);  
box-shadow:4px 4px 4px 4px rgb(56, 89, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7098, -13.8962, 10.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 89, 53) }
```

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

```
.background{ background-color: rgb(56, 89,  
53) }
```

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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