

Converting Colors

HunterLab(28.4910, -13.6247,
1.5227)

Have a look what the booklet for
HunterLab(28.4910, -13.6247,
1.5227) contains.

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Color

**HunterLab(28.4908,
-13.6255, 1.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	255950
RGB	37, 89, 80
RGB Percent	15%, 35%, 31%
CMY	0.8549, 0.6510, 0.6863
CMYK	0.58, 0.00, 0.10, 0.65
HSL	170°, 41%, 25%
HSV	170°, 58%, 35%
XYZ	5.7833, 8.1173, 8.8514
YIQ	72.4260, -28.1030, -13.8230

Conversions

Conversions Part 2

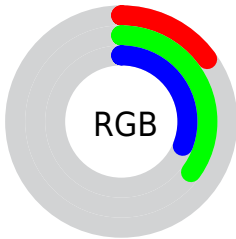
Format	Color
R_{YB}	37, 65, 89
Decimal	2447696
CIE _{Lab}	34.23, -19.83, -0.04
CIE _{LCh}	34, 19.831, 180.122
Yxy	8.1176, 0.2542, 0.3568
Android (android.graphics.Color)	4280637776 (0xFF255950)
YUV	72.4260, 3.7340, -31.0686
Hunter-Lab	28.4908, -13.6255, 1.5236




Details

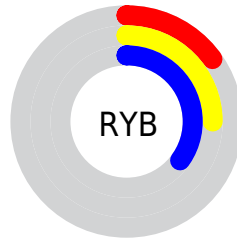
The HunterLab color $[28.4908, -13.6255, 1.5236]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[19.0905, 15.9122, 4.0135]$, and the grayscale version is $[25.6027, -1.3661, 1.3910]$.




A 20% lighter version of the original color is $[46.9856, -17.1642, 2.4441]$, and $[13.6203, -8.3408, 0.9812]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.1958, -14.8661, 1.7749]$, and if you desaturate by 10%, it is $[28.8545, -12.1384, 1.3523]$.

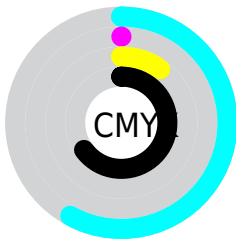
Distribution







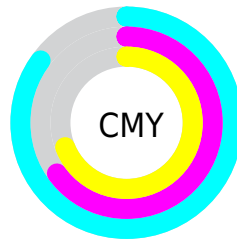
-  Red (15%)
-  Green (35%)
-  Blue (31%)






-  Red (15%)
-  Yellow (25%)
-  Blue (35%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (65%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4908, -13.6255, 1.5236 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 28.4908, -13.6255, 1.5236 by changing the saturation by 10% instead.

■ 28.4908, -13.6255,
1.5236

■ 28.4908, -13.6255,
1.5236

132.9102,
-28.5741, 7.1897

■ 20.4213, -11.6708,
1.0875

■ 47.1048, -17.2166,
2.5322

■ 13.3014, -9.5264,
0.7032

■ 57.5162, -18.9160,
3.0968

■ 6.8404, -11.9706,
0.3468

■ 68.5985, -20.5755,
3.6979

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.3133, -22.2061,
4.3337

0.0000, NaN, NaN

■ 92.6280, -23.8160,
5.0021

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5149,

-25.4110, 5.7018

0.0000, NaN, NaN

118.9494,
-26.9959, 6.4314

■ 28.4908, -13.6255,
1.5236

■ 28.4908, -13.6255,
1.5236

■ 28.1958, -14.8661,
1.7749

■ 28.8545, -12.1384,
1.3523

■ 27.9646, -15.8627,
2.0993

■ 29.2873, -10.4071,
1.2638

■ 27.7934, -16.6261,
2.4894

■ 29.7909, -8.4402,
1.2608

■ 27.6520, -17.2725,
2.9067

■ 30.3653, -6.2505,
1.3437

■ 27.6297, -17.3744,
2.9716

■ 31.0102, -3.8536,
1.5116

■ 31.7243, -1.2675,
1.7621

■ 32.5060, 1.4888,
2.0920

■ 33.3532, 4.3961,
2.4972

■ 34.2635, 7.4355,
2.9732

Harmonies

Analogous

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



28.4914, -12.1492, 7.1549



28.4908, -13.6255, 1.5236



28.4914, -12.1253, -5.5473

Triad

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



28.4914, -13.6257, 1.5240



28.4914, 5.4557, -11.6871



28.4914, 5.4021, 10.4760

Complementary

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



28.4908, -13.6255, 1.5236



19.0905, 15.9122, 4.0135

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.



28.4914, 10.9025, 7.1915



28.4908, -13.6255, 1.5236



28.4914, 10.9354, -5.4895

Square

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



28.4914, -13.6257, 1.5240



28.4914, -1.4935, -14.2002



28.4914, 13.0158, 1.5777



28.4914, -1.5500, 11.5143

Rectangle

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



28.4908, -13.6255, 1.5236



28.4914, -9.5482, -9.9505



28.4914, 13.0158, 1.5777



28.4914, 7.5051, 9.6438

Sweetspot

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



28.4914, -13.6257, 1.5240



39.6747, -8.2116, 1.7539



28.0570, -16.9240, 13.2933



19.8914, -4.4300, 0.8677



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.



28.4914, -13.6257, 1.5240



36.7266, -19.9585, 2.4692



24.1223, -5.8192, -8.4687



15.3507, -1.9485, 0.7455



33.5413, -21.1629, 3.7610



79.4245, -50.6006, 9.9584

Inverse Universe

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



19.0905, 15.9122, 4.0135



22.3887, 25.8932, 6.7493



22.0151, 8.0829, 8.9929



14.5768, 0.4026, 0.9087



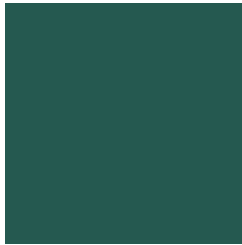
17.8254, 30.7816, 9.5417



42.1326, 72.5268, 24.3297

Previews

White Background



This preview shows how the HunterLab color 28.4908, -13.6255, 1.5236 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



This preview shows how the HunterLab color 28.4908, -13.6255, 1.5236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

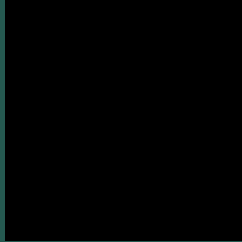
Any Text WCAG AA × Fail

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 28.4908, -13.6255, 1.5236 Background



This preview shows how black text looks on a background with the HunterLab color 28.4908, -13.6255, 1.5236.



This preview shows how white text looks on a background with the HunterLab color 28.4908,

-13.6255, 1.5236.

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

28.4908, -13.6255, 1.5236

Protanopia

28.4329, -1.3803, 3.6153

Deuteranopia

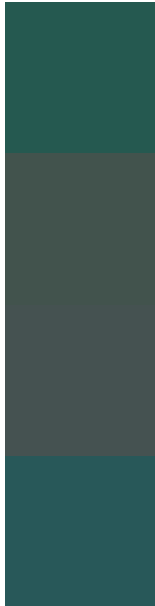
28.4327, 1.5831, 0.9019



Tritanopia

28.4900, -9.8630, -4.6553

Trichromacy



Original Color

28.4908, -13.6255, 1.5236

Protanomaly

28.0724, -6.6541, 2.3526

Deuteranomaly

28.0960, -4.9705, 0.7981

Tritanomaly

28.5514, -11.4036, -2.2328

Monochromacy



Original Color

28.4908, -13.6255, 1.5236

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.2423, -6.4859, 1.0174

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4908, -13.6255, 1.5236 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(37, 89, 80)` looks like.

```
.text, #text, p{  
  color:rgb(37, 89, 80)  
}
```

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(37, 89, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 89, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4908, -13.6255, 1.5236 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(37, 89, 80) }
```


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

```
.border{ border-color:rgb(37, 89, 80) }
```

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

Here you see how a box with a 4 pixel rgb(37, 89, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 89, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 89, 80);  
box-shadow:4px 4px 4px 4px rgb(37, 89, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4908, -13.6255, 1.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 89, 80) }
```

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

```
.background{ background-color: rgb(37, 89,  
80) }
```

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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