

Converting Colors

HunterLab(27.9845, -18.9164,
14.4499)

Have a look what the booklet for
HunterLab(27.9845, -18.9164,
14.4499) contains.

HunterLab(27.9864, -18.9057, 14.4515)	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(27.9864,
-18.9057, 14.4515)**

Conversions

Conversions Part 1

Format	Color
Hex	275A1D
RGB	39, 90, 29
RGB Percent	15%, 35%, 11%
CMY	0.8471, 0.6471, 0.8863
CMYK	0.57, 0.00, 0.68, 0.65
HSL	110°, 51%, 23%
HSV	110°, 68%, 35%
XYZ	4.7147, 7.8324, 2.4257
YIQ	67.7970, -10.8150, -29.7830

Conversions

Conversions Part 2

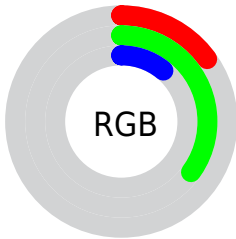
Format	Color
R_{YB}	29, 90, 80
Decimal	2578973
CIE _{Lab}	33.63, -30.22, 29.30
CIE _{LCh}	34, 42.085, 135.886
Yxy	7.8327, 0.3149, 0.5231
Android (android.graphics.Color)	4280769053 (0xFF275A1D)
YUV	67.7970, -19.1269, -25.2550
Hunter-Lab	27.9864, -18.9057, 14.4515

Details

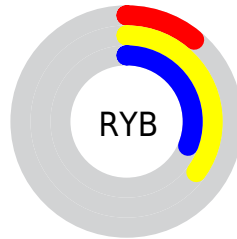
The HunterLab color $[27.9864, -18.9057, 14.4515]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[18.2283, 22.8753, -19.8311]$, and the grayscale version is $[24.0398, -1.2827, 1.3061]$.

A 20% lighter version of the original color is $[46.6318, -24.0122, 19.6204]$, and $[13.1444, -11.2713, 7.9022]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.6802, -20.3105, 15.2830]$, and if you desaturate by 10%, it is $[28.3650, -17.1875, 13.3441]$.

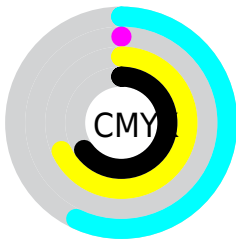
Distribution



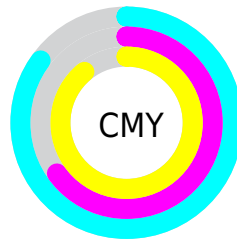
- Red (15%)
- Green (35%)
- Blue (11%)



- Red (11%)
- Yellow (35%)
- Blue (31%)



- Cyan (57%)
- Magenta (0%)
- Yellow (68%)
- Black (65%)



- Cyan (85%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.9864, -18.9057, 14.4515 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 27.9864, -18.9057, 14.4515 by changing the saturation by 10% instead.

■ 27.9864, -18.9057,
14.4515

■ 27.9864, -18.9057,
14.4515

132.0659,
-39.1340, 34.6787

■ 19.9702, -16.0526,
11.6025

■ 46.5079, -23.9960,
19.5834

■ 12.9109, -12.9605,
9.0376

■ 56.8781, -26.3447,
21.9416

■ 6.3411, -11.0968,
4.4387

■ 67.9216, -28.6055,
24.2050

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.5997, -30.7985,
26.3946

0.0000, NaN, NaN

■ 91.8796, -32.9381,
28.5261


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 104.7332,


-35.0352, 30.6115


0.0000, NaN, NaN


 118.1358,
-37.0983, 32.6600


 27.9864, -18.9057,
14.4515


 27.9864, -18.9057,
14.4515


 27.6802, -20.3105,
15.2830


 28.3650, -17.1875,
13.3441


 27.4416, -21.4038,
15.8505


 28.8159, -15.1596,
11.9569

 27.2598, -22.2436,
16.2830

 29.3405, -12.8342,
10.2937

 27.2253, -22.4065,
16.3838

 29.9387, -10.2285,
8.3642

 30.6094, -7.3638,
6.1825

■ 31.3513, -4.2637,
3.7661

■ 32.1622, -0.9530,
1.1345

■ 33.0398, 2.5434,
-1.6920

■ 33.9814, 6.2012,
-4.6929

Harmonies

Analogous

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



27.9870, -8.7598, 16.9469



27.9864, -18.9057, 14.4515



27.9870, -23.8165, 7.2753

Triad

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



27.9870, -18.9062, 14.4517



27.9870, -8.0056, -38.6204



27.9870, 30.8790, 7.8820

Complementary

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



27.9864, -18.9057, 14.4515



18.2283, 22.8753, -19.8311

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.



27.9870, 31.1967, -5.7877



27.9864, -18.9057, 14.4515



27.9870, 6.5963, -38.1561

Square

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



27.9870, -18.9062, 14.4517



27.9870, -18.4519, -25.1688



27.9870, 21.5998, -24.1097



27.9870, 20.8045, 14.6997

Rectangle

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



27.9864, -18.9057, 14.4515



27.9870, -24.2709, -1.3506



27.9870, 21.5998, -24.1097



27.9870, 32.1908, 4.1216

Sweetspot

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



27.9870, -18.9062, 14.4517



40.2207, -10.8610, 9.0387



28.2413, -3.3137, 14.9035



19.6972, -5.6672, 4.6940



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.



27.9870, -18.9062, 14.4517



36.4157, -27.7583, 20.6936



27.9258, -18.6709, 10.6325



16.1308, -2.3773, 2.0827



33.4736, -27.7183, 20.1410



78.1563, -65.6090, 47.0109

Inverse Universe

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



18.2283, 22.8753, -19.8311



21.6452, 36.0899, -32.3837



18.6832, 22.2508, -6.3125



15.3789, 0.7525, -0.4356



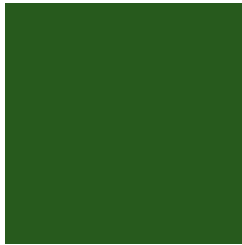
18.3764, 37.5549, -35.2929



42.6228, 87.3585, -83.8176

Previews

White Background



This preview shows how the HunterLab color 27.9864, -18.9057, 14.4515 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 27.9864, -18.9057, 14.4515 Background



This preview shows how black text looks on a background with the HunterLab color 27.9864, -18.9057, 14.4515.



This preview shows how white text looks on a background with the HunterLab color 27.9864,

-18.9057, 14.4515.

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

27.9864, -18.9057, 14.4515

Protanopia

27.8231, -3.7372, 14.9965

Deuteranopia

27.8286, 1.5994, 13.9516



Tritanopia

27.9751, -7.6426, -3.8724

Trichromacy



Original Color

27.9864, -18.9057, 14.4515

Protanomaly

27.5095, -10.3979, 14.5344

Deuteranomaly

27.2386, -7.1035, 13.6855

Tritanomaly

27.7079, -12.7766, 5.1474

Monochromacy



Original Color

27.9864, -18.9057, 14.4515

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.1099, -8.8420, 7.0771

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.9864, -18.9057, 14.4515 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(39, 90, 29)` looks like.

```
.text, #text, p{  
    color:rgb(39, 90, 29)  
}
```

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(39, 90, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 90, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 27.9864, -18.9057, 14.4515 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(39, 90, 29) }
```


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

```
.border{ border-color:rgb(39, 90, 29) }
```

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

Here you see how a box with a 4 pixel rgb(39, 90, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 90, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 90, 29);  
box-shadow:4px 4px 4px 4px rgb(39, 90, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.9864, -18.9057, 14.4515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 90, 29) }
```

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

```
.background{ background-color: rgb(39, 90,  
29) }
```

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