

Converting Colors

HunterLab(27.8769, -19.3730,
14.5019)

Have a look what the booklet for
HunterLab(27.8769, -19.3730,
14.5019) contains.

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Color

**HunterLab(27.8769,
-19.3730, 14.5019)**

Conversions

Conversions Part 1

Format	Color
Hex	245A1C
RGB	36, 90, 28
RGB Percent	14%, 35%, 11%
CMY	0.8588, 0.6471, 0.8902
CMYK	0.60, 0.00, 0.69, 0.65
HSL	112°, 53%, 23%
HSV	112°, 69%, 35%
XYZ	4.5933, 7.7712, 2.3565
YIQ	66.7860, -12.2820, -30.7300

Conversions

Conversions Part 2

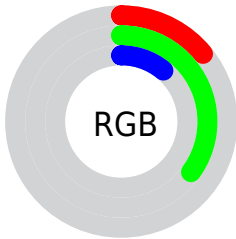
Format	Color
R_YB	28, 90, 82
Decimal	2382364
CIE _{Lab}	33.50, -31.25, 29.61
CIE _{LCh}	34, 43.050, 136.539
Yxy	7.7715, 0.3120, 0.5279
Android (android.graphics.Color)	4280572444 (0xFF245A1C)
YUV	66.7860, -19.1215, -26.9993
Hunter-Lab	27.8769, -19.3730, 14.5019

Details

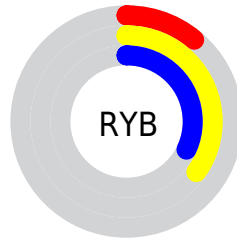
The HunterLab color $[27.8769, -19.3730, 14.5019]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[18.3380, 23.7893, -19.5591]$, and the grayscale version is $[23.6848, -1.2638, 1.2868]$.

A 20% lighter version of the original color is $[46.4586, -24.7257, 19.6996]$, and $[13.1444, -11.2713, 7.9022]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.5841, -20.7234, 15.3100]$, and if you desaturate by 10%, it is $[28.2456, -17.6924, 13.4208]$.

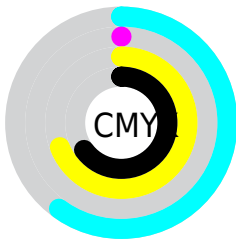
Distribution



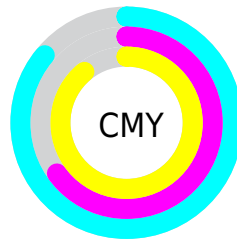
- Red (14%)
- Green (35%)
- Blue (11%)



- Red (11%)
- Yellow (35%)
- Blue (32%)



- Cyan (60%)
- Magenta (0%)
- Yellow (69%)
- Black (65%)



- Cyan (86%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8769, -19.3730, 14.5019 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 27.8769, -19.3730, 14.5019 by changing the saturation by 10% instead.

■ 27.8769, -19.3730,
14.5019

■ 27.8769, -19.3730,
14.5019

131.8821,
-40.1446, 34.9120

■ 19.8724, -16.4252,
11.6351

■ 46.3782, -24.6195,
19.6873

■ 12.8263, -13.2891,
8.9784

■ 56.7393, -27.0353,
22.0685

■ 6.2269, -10.8971,
4.3589

■ 67.7744, -29.3580,
24.3528

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.4445, -31.6086,
26.5618

0.0000, NaN, NaN

■ 91.7168, -33.8023,
28.7114


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 104.5631,


-35.9507, 30.8137


0.0000, NaN, NaN


 117.9588,
-38.0625, 32.8782


 27.8769, -19.3730,
14.5019


 27.8769, -19.3730,
14.5019


 27.5841, -20.7234,
15.3100


 28.2456, -17.6924,
13.4208


 27.3618, -21.7480,
15.8571


 28.6905, -15.6839,
12.0624

 27.1965, -22.5203,
16.3014

 29.2133, -13.3596,
10.4310

 27.1809, -22.5949,
16.3532

 29.8140, -10.7374,
8.5366

 30.4917, -7.8396,
6.3941

■ 31.2449, -4.6919,
4.0220

■ 32.0714, -1.3210,
1.4404

■ 32.9686, 2.2460,
-1.3293

■ 33.9337, 5.9828,
-4.2661

Harmonies

Analogous

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



27.8775, -9.1791, 17.0349



27.8769, -19.3730, 14.5019



27.8775, -24.2244, 7.1416

Triad

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



27.8775, -19.3735, 14.5020



27.8775, -7.8449, -40.0826



27.8775, 31.6039, 8.2098

Complementary

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



27.8769, -19.3730, 14.5019



18.3380, 23.7893, -19.5591

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.



27.8775, 32.1720, -5.5953



27.8769, -19.3730, 14.5019



27.8775, 7.1372, -39.2455

Square

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



27.8775, -19.3735, 14.5020



27.8775, -18.5742, -26.3687



27.8775, 22.4814, -24.4655



27.8775, 21.0620, 14.9303

Rectangle

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



27.8769, -19.3730, 14.5019



27.8775, -24.6101, -1.7652



27.8775, 22.4814, -24.4655



27.8775, 33.0339, 4.4439

Sweetspot

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



27.8775, -19.3735, 14.5020



40.0692, -11.4742, 9.2802



28.7268, -4.1439, 15.3611



19.6262, -5.9540, 4.7945



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.



27.8775, -19.3735, 14.5020



36.2740, -28.3771, 20.7778



27.9217, -18.6441, 10.2931



16.1203, -2.4147, 2.0705



33.4231, -27.9334, 20.1061



78.0643, -66.0018, 46.9474

Inverse Universe

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



18.3380, 23.7893, -19.5591



21.8569, 37.4805, -31.7798



18.4738, 22.2930, -5.4046



15.3908, 0.7925, -0.4199



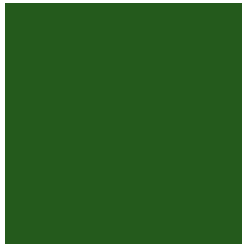
18.9162, 38.3056, -33.5983



43.9602, 89.2117, -79.5657

Previews

White Background



This preview shows how the HunterLab color 27.8769, -19.3730, 14.5019 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

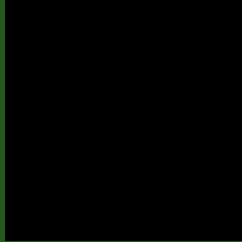
Any Text WCAG AA × Fail

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 27.8769, -19.3730, 14.5019 Background



This preview shows how black text looks on a background with the HunterLab color 27.8769, -19.3730, 14.5019.



This preview shows how white text looks on a background with the HunterLab color 27.8769,

-19.3730, 14.5019.

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

27.8769, -19.3730, 14.5019

Protanopia

27.8152, -3.7811, 15.1130

Deuteranopia

27.7189, 1.2085, 14.0237



Tritanopia

27.8821, -7.9872, -4.0057

Trichromacy



Original Color

27.8769, -19.3730, 14.5019

Protanomaly

27.4341, -10.7017, 14.6053

Deuteranomaly

27.0779, -7.7174, 13.7117

Tritanomaly

27.6239, -13.1034, 5.0544

Monochromacy



Original Color

27.8769, -19.3730, 14.5019

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.7587, -8.7970, 7.0364

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8769, -19.3730, 14.5019 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(36, 90, 28)` looks like.

```
.text, #text, p{  
    color:rgb(36, 90, 28)  
}
```

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(36, 90, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 90, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8769, -19.3730, 14.5019 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(36, 90, 28) }
```


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

```
.border{ border-color:rgb(36, 90, 28) }
```

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

Here you see how a box with a 4 pixel rgb(36, 90, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 90, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 90, 28);  
box-shadow:4px 4px 4px 4px rgb(36, 90, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.8769, -19.3730, 14.5019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 90, 28) }
```

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

```
.background{ background-color: rgb(36, 90,  
28) }
```

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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