

Converting Colors

HunterLab(50.1360, -28.5272,
11.7560)

Have a look what the booklet for
HunterLab(50.1360, -28.5272,
11.7560) contains.

HunterLab(50.1328, -28.5610, 11.9152)	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(50.1328,
-28.5610, 11.9152)**

Conversions

Conversions Part 1

Format	Color
Hex	429971
RGB	66, 153, 113
RGB Percent	26%, 60%, 44%
CMY	0.7412, 0.4000, 0.5569
CMYK	0.57, 0.00, 0.26, 0.40
HSL	152°, 40%, 43%
HSV	152°, 57%, 60%
XYZ	16.6186, 25.1330, 19.5980
YIQ	122.4270, -39.0120, -30.8840

Conversions

Conversions Part 2

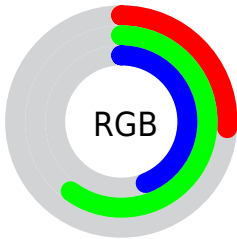
Format	Color
RYB	66, 122, 153
Decimal	4364657
CIELab	57.21, -35.95, 13.29
CIELCh	57, 38.327, 159.706
Yxy	25.1340, 0.2709, 0.4097
Android (android.graphics.Color)	4282554737 (0xFF429971)
YUV	122.4270, -4.6475, -49.4865
Hunter-Lab	50.1328, -28.5610, 11.9152

Details

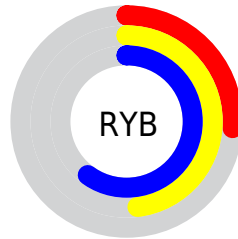
The HunterLab color **50.1328, -28.5610, 11.9152** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **34.2198, 32.3780, -1.9743**, and the grayscale version is **44.3111, -2.3643, 2.4075**.

A 20% lighter version of the original color is **72.0370, -33.8065, 14.4987**, and **31.1272, -22.3143, 9.2640** is the 20% darker color. If you saturate the color by 10%, you get **49.5170, -31.3506, 13.6474**, and if you desaturate by 10%, it is **50.8950, -25.2231, 10.2060**.

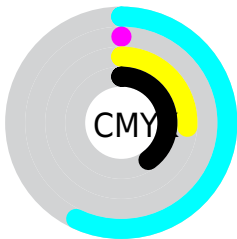
Distribution



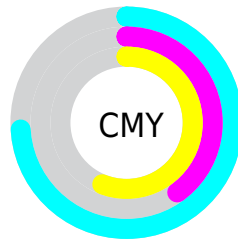
- Red (26%)
- Green (60%)
- Blue (44%)



- Red (26%)
- Yellow (48%)
- Blue (60%)



- Cyan (57%)
- Magenta (0%)
- Yellow (26%)
- Black (40%)



- Cyan (74%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1328, -28.5610, 11.9152 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 50.1328, -28.5610, 11.9152 by changing the saturation by 10% instead.

■ 50.1328, -28.5610,
11.9152

■ 50.1328, -28.5610,
11.9152

166.8846,
-50.1381, 23.6426

■ 40.2205, -25.7524,
10.5793

■ 72.0240, -33.8007,
14.5309

■ 31.0635, -22.7602,
9.2065

■ 83.9206, -36.2844,
15.8254

■ 22.7313, -19.5133,
7.7748

■ 96.4086, -38.7012,
17.1178

■ 15.3156, -15.8908,
6.2454

■ 109.4610,
-41.0638, 18.4116

■ 8.9315, -15.6302,
6.2521

■ 123.0545,
-43.3818, 19.7093

0.0000, NaN, NaN

0.0000, NaN, NaN

137.1683,

-45.6629, 21.0127

0.0000, NaN, NaN

151.7839,
-47.9133, 22.3235

0.0000, NaN, NaN

■ 50.1328, -28.5610,
11.9152

■ 50.1328, -28.5610,
11.9152

■ 49.5170, -31.3506,
13.6474

■ 50.8950, -25.2231,
10.2060

■ 49.0381, -33.5917,
15.3774

■ 51.8046, -21.3503,
8.5403

■ 48.6868, -35.3056,
17.0810

■ 52.8639, -16.9710,
6.9381

■ 48.4438, -36.5590,
18.7275

■ 54.0725, -12.1231,
5.4159

■ 48.3762, -36.9131,
19.2186

■ 55.4279, -6.8506,
3.9874

■ 56.9265, -1.2011,
2.6624

■ 58.5635, 4.7773,
1.4480

■ 60.3335, 11.0376,
0.3480

■ 62.2303, 17.5360,
-0.6363

Harmonies

Analogous

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



50.1338, -20.9813, 20.5252



50.1328, -28.5610, 11.9152



50.1338, -29.7162, -2.5006

Triad

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



50.1338, -28.5616, 11.9157



50.1338, 2.6554, -35.8989



50.1338, 23.4644, 18.1468

Complementary

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



50.1328, -28.5610, 11.9152



34.2198, 32.3780, -1.9743

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.



50.1338, 31.6760, 7.4495



50.1328, -28.5610, 11.9152



50.1338, 18.6988, -25.6653

Square

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



50.1338, -28.5616, 11.9157



50.1338, -12.9810, -33.5481



50.1338, 29.8297, -8.6119



50.1338, 8.5313, 23.2540

Rectangle

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



50.1328, -28.5610, 11.9152



50.1338, -26.8580, -14.1905



50.1338, 29.8297, -8.6119



50.1338, 27.1829, 15.2512

Sweetspot

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



50.1338, -28.5616, 11.9157



72.2794, -16.5440, 7.3415



51.2620, -25.6697, 25.1762



33.8215, -8.3407, 3.6184



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.1338, -28.5616, 11.9157



66.0886, -42.7659, 18.8391



50.3029, -20.8936, -4.8920



26.4170, -3.8994, 2.0694



43.9862, -33.5096, 17.3586



5.4460, -3.6805, 1.1381

Inverse Universe

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



34.2198, 32.3780, -1.9743



41.5424, 52.3186, -1.5774



33.7790, 26.7203, 12.2347



25.0351, 1.2573, 0.7796



24.4395, 43.3907, 3.8757



3.1068, 5.7341, -1.1977

Previews

White Background



This preview shows how the HunterLab color 50.1328, -28.5610, 11.9152 looks on a white background.

Color Contrast Check

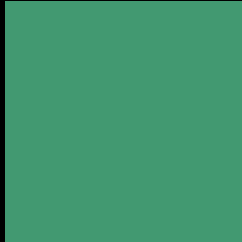
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 50.1328, -28.5610, 11.9152 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.1328, -28.5610, 11.9152 Background



This preview shows how black text looks on a background with the HunterLab color 50.1328, -28.5610, 11.9152.



This preview shows how white text looks on a background with the HunterLab color 50.1328,

-28.5610, 11.9152.

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

50.1328, -28.5610, 11.9152

Protanopia

49.7385, -3.7543, 14.6519

Deuteranopia

49.6070, 3.4925, 10.1436



Tritanopia

50.0761, -16.3416, -8.2657

Trichromacy



Original Color

50.1328, -28.5610, 11.9152

Protanomaly

49.2043, -14.5835, 12.9687

Deuteranomaly

48.9256, -10.6329, 9.9384

Tritanomaly

49.9437, -21.1692, 0.0242

Monochromacy



Original Color

50.1328, -28.5610, 11.9152

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.7512, -12.9708, 5.3472

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1328, -28.5610, 11.9152 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(66, 153, 113)` looks like.

```
.text, #text, p{  
    color:rgb(66, 153, 113)  
}
```

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(66, 153, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 153, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1328, -28.5610, 11.9152 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(66, 153, 113) }
```


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

```
.border{ border-color:rgb(66, 153, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 153, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 153, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 153, 113);  
box-shadow:4px 4px 4px 4px rgb(66, 153,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1328, -28.5610, 11.9152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 153, 113) }
```

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

```
.background{ background-color: rgb(66, 153,  
113) }
```

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