

# Converting Colors

HunterLab(28.3108, -15.0784,  
4.1566)

Have a look what the booklet for  
HunterLab(28.3108, -15.0784,  
4.1566) contains.

<b>HunterLab(28.2544, -14.8999, 3.9223)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(28.2544,  
-14.8999, 3.9223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	235949
RGB	35, 89, 73
RGB Percent	14%, 35%, 29%
CMY	0.8627, 0.6510, 0.7137
CMYK	0.61, 0.00, 0.18, 0.65
HSL	162°, 44%, 24%
HSV	162°, 61%, 35%
XYZ	5.4681, 7.9831, 7.5560
YIQ	71.0300, -27.0480, -16.4240

# Conversions

## Conversions Part 2

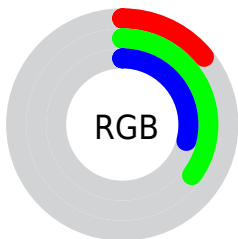
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 67, 89
Decimal	2316617
CIE <sub>Lab</sub>	33.95, -22.27, 3.93
CIE <sub>LCh</sub>	34, 22.616, 169.994
Yxy	7.9834, 0.2603, 0.3800
Android (android.graphics.Color)	4280506697 (0xFF235949)
YUV	71.0300, 0.9712, -31.5983
Hunter-Lab	28.2544, -14.8999, 3.9223

# Details

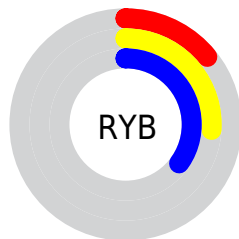
The HunterLab color **28.2544, -14.8999, 3.9223** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.8816, 17.2381, 2.1008**, and the grayscale version is **25.1165, -1.3402, 1.3646**.

A 20% lighter version of the original color is **46.6923, -18.6650, 5.0647**, and **13.4776, -9.2073, 3.0301** is the 20% darker color. If you saturate the color by 10%, you get **27.9513, -16.2301, 4.5205**, and if you desaturate by 10%, it is **28.6271, -13.3153, 3.3819**.

# Distribution



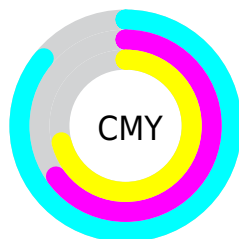
- Red (14%)
- Green (35%)
- Blue (29%)



- Red (14%)
- Yellow (26%)
- Blue (35%)



- Cyan (61%)
- Magenta (0%)
- Yellow (18%)
- Black (65%)



- Cyan (86%)
- Magenta (65%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2544, -14.8999, 3.9223 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 28.2544, -14.8999, 3.9223 by changing the saturation by 10% instead.



■ 28.2544, -14.8999,  
3.9223

■ 28.2544, -14.8999,  
3.9223

132.5149,  
-31.0718, 11.3248

■ 20.2098, -12.7374,  
3.2080

■ 46.8252, -18.8378,  
5.4083

■ 13.1181, -10.3471,  
2.5040

■ 57.2173, -20.6875,  
6.1842

■ 6.6114, -11.5700,  
2.8235

■ 68.2815, -22.4862,  
6.9832

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.9791, -24.2472,  
7.8055

0.0000, NaN, NaN

■ 92.2776, -25.9799,  
8.6511

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1488,

-27.6915, 9.5197

0.0000, NaN, NaN

118.5685,  
-29.3874, 10.4111

28.2544, -14.8999,  
3.9223

28.2544, -14.8999,  
3.9223

27.9513, -16.2301,  
4.5205

28.6271, -13.3153,  
3.3819

27.7130, -17.3080,  
5.1669

29.0699, -11.4795,  
2.9054

27.5341, -18.1487,  
5.8507

29.5843, -9.4021,  
2.4985

27.3857, -18.8588,  
6.4809

30.1707, -7.0972,  
2.1652

30.8283, -4.5817,  
1.9077

■ 31.5559, -1.8750,  
1.7267

■ 32.3518, 1.0027,  
1.6219

■ 33.2138, 4.0311,  
1.5917

■ 34.1394, 7.1904,  
1.6336

# Harmonies

## Analogous

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



28.2550, -12.1745, 9.3044



28.2544, -14.8999, 3.9223



28.2550, -14.3501, -3.8302

# Triad

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



28.2550, -14.9002, 3.9226



28.2550, 3.8440, -15.5733



28.2550, 8.8730, 10.4798

# Complementary

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



28.2544, -14.8999, 3.9223



18.8816, 17.2381, 2.1008

# 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.



28.2550, 14.1345, 6.0237



28.2544, -14.8999, 3.9223



28.2550, 11.0184, -9.3478

# Square

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



28.2550, -14.9002, 3.9226



28.2550, -4.0862, -16.5896



28.2550, 14.9599, -1.0745



28.2550, 1.1638, 12.3456



# Rectangle

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



28.2544, -14.8999, 3.9223



28.2550, -12.1761, -9.3448



28.2550, 14.9599, -1.0745



28.2550, 11.0206, 9.3029

# Sweetspot

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



28.2550, -14.9002, 3.9226



39.6048, -8.6054, 2.7506



28.2408, -16.2297, 13.7791



19.8525, -4.6496, 1.4220



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.



28.2550, -14.9002, 3.9226



36.3765, -21.9041, 6.2918



25.6049, -8.3126, -6.2536



15.3381, -2.0183, 0.9248



33.2404, -22.9940, 8.0898



78.6814, -55.1292, 20.6633



# Inverse Universe

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



18.8816, 17.2381, 2.1008



22.1147, 27.7764, 4.1497



20.4544, 11.2650, 8.1916



14.5892, 0.4699, 0.7308



17.9857, 31.3729, 7.1892

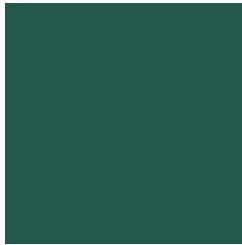


42.4620, 73.7446, 19.4768



# Previews

## White Background



This preview shows how the HunterLab color 28.2544, -14.8999, 3.9223 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

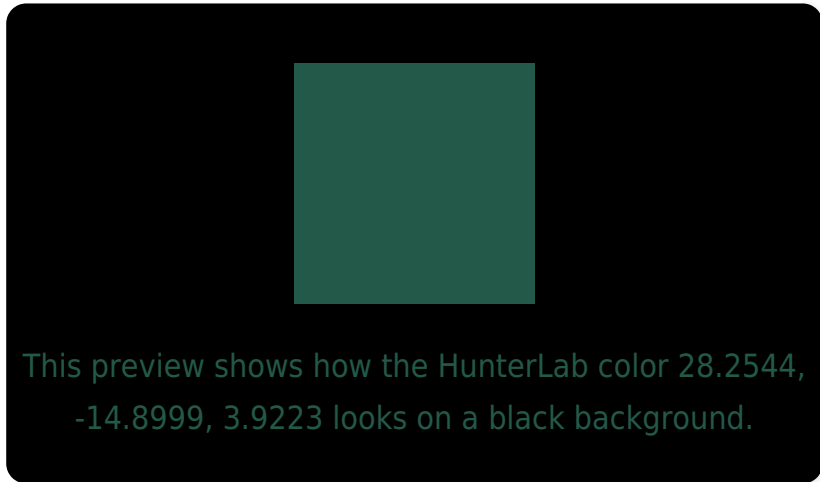
Any Text WCAG AA ✓ Pass

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 28.2544, -14.8999, 3.9223 Background



This preview shows how black text looks on a background with the HunterLab color 28.2544, -14.8999, 3.9223.



This preview shows how white text looks on a background with the HunterLab color 28.2544,

-14.8999, 3.9223.

# 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

28.2544, -14.8999, 3.9223

### Protanopia

28.0965, -1.5490, 5.7453

### Deuteranopia

28.2018, 1.7770, 3.0341



## Tritanopia

28.1747, -9.6557, -4.6006

# Trichromacy



## Original Color

28.2544, -14.8999, 3.9223

## Protanomaly

27.9051, -7.6041, 4.7506

## Deuteranomaly

27.6732, -5.4262, 2.6953

## Tritanomaly

28.1418, -11.6691, -1.4122

# Monochromacy



## Original Color

28.2544, -14.8999, 3.9223

## Achromatopsia

25.1018, -1.3394, 1.3638

## Achromatomaly

26.1079, -7.1347, 2.0396

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.2544, -14.8999, 3.9223 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(35, 89, 73)` looks like.

```
.text, #text, p{  
    color:rgb(35, 89, 73)  
}
```

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(35, 89, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 89, 73) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.2544, -14.8999, 3.9223 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(35, 89, 73) }
```



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

```
.border{ border-color:rgb(35, 89, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 89, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 89, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 89, 73);  
box-shadow:4px 4px 4px 4px rgb(35, 89, 73)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 28.2544, -14.8999, 3.9223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 89, 73) }
```

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

```
.background{ background-color: rgb(35, 89,  
73) }
```

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