

Converting Colors

HunterLab(28.9338, 0.8552,
0.2327)

Have a look what the booklet for
HunterLab(28.9338, 0.8552, 0.2327)
contains.

HunterLab(28.9338, 0.8552, 0.2327)	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(28.9338, 0.8552,
0.2327)**

Conversions

Conversions Part 1

Format	Color
Hex	565055
RGB	86, 80, 85
RGB Percent	34%, 31%, 33%
CMY	0.6627, 0.6863, 0.6667
CMYK	0.00, 0.07, 0.01, 0.66
HSL	310°, 4%, 33%
HSV	310°, 7%, 34%
XYZ	8.3461, 8.3716, 9.7703
YIQ	82.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

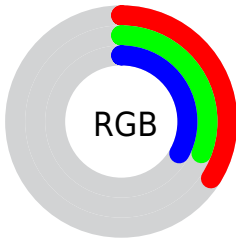
Format	Color
R_{YB}	86, 80, 85
Decimal	5656661
CIE Lab	34.75, 3.51, -2.05
CIE LCh	35, 4.061, 329.738
Yxy	8.3720, 0.3151, 0.3161
Android (android.graphics.Color)	4283846741 (0xFF565055)
YUV	82.3640, 1.2995, 3.1888
Hunter-Lab	28.9338, 0.8552, 0.2327

Details

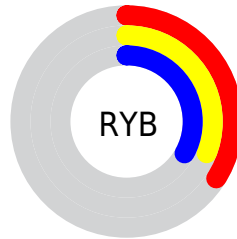
The HunterLab color $28.9338, 0.8552, 0.2327$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $29.9255, -3.9260, 2.9471$, and the grayscale version is $29.1753, -1.5567, 1.5851$.

A 20% lighter version of the original color is $47.6277, 0.5155, 0.8227$, and $13.7345, 1.0260, -0.1849$ is the 20% darker color. If you saturate the color by 10%, you get $26.7761, 4.4732, -1.7983$, and if you desaturate by 10%, it is $31.2028, -2.6930, 2.2758$.

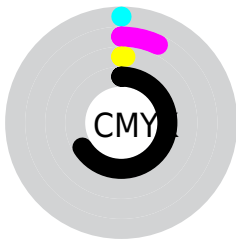
Distribution



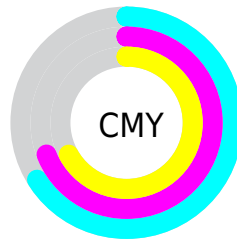
- Red (34%)
- Green (31%)
- Blue (33%)



- Red (34%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (66%)



- Cyan (66%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9338, 0.8552, 0.2327 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 28.9338, 0.8552, 0.2327 by changing the saturation by 10% instead.

■ 28.9338, 0.8552,
0.2327

■ 28.9338, 0.8552,
0.2327

■ 133.6493, -3.1822,
5.0733

■ 20.8180, 1.0470,
-0.0760

■ 47.6283, 0.2770,
1.0186

■ 13.6457, 1.1587,
-0.3175

■ 58.0756, -0.0925,
1.4832

■ 7.2485, 1.7217,
-0.7759

■ 69.1917, -0.5088,
1.9903

0.0000, NaN, NaN

■ 80.9383, -0.9682,
2.5368

0.0000, NaN, NaN

■ 93.2835, -1.4676,
3.1203

0.0000, NaN, NaN

106.1993, -2.0044,

0.0000, NaN, NaN

119.6617, -2.5766,
4.3902

■ 28.9338, 0.8552,
0.2327

■ 28.9338, 0.8552,
0.2327

■ 26.7761, 4.4732,
-1.7983

■ 31.2028, -2.6930,
2.2758

■ 24.7443, 8.1491,
-3.8007

■ 33.5674, -6.1660,
4.3192

■ 22.8587, 11.8504,
-5.7451

■ 36.0170, -9.5673,
6.3579

■ 21.1421, 15.5183,
-7.5868

■ 38.5421, -12.9029,
8.3895

■ 19.6198, 19.0571,
-9.2621

■ 41.1348, -16.1799,
10.4134

■ 18.3180, 22.3276,
-10.6873

■ 43.7887, -19.4060,
12.4300

■ 17.2607, 25.1538,
-11.7661

■ 46.4983, -22.5881,
14.4401

■ 16.4638, 27.3503,
-12.4086

■ 49.2588, -25.7330,
16.4450

■ 15.8242, 29.1467,
-12.7709

■ 52.0664, -28.8467,
18.4460

Harmonies

Analogous

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



28.9344, -0.1765, -0.7759



28.9338, 0.8552, 0.2327



28.9344, 1.2401, 1.5631

Triad

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



28.9344, 0.8545, 0.2332



28.9344, -1.5329, 4.0573



28.9344, -3.8817, 0.2548

Complementary

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



28.9338, 0.8552, 0.2327



29.9255, -3.9260, 2.9471

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.



28.9344, -4.2294, 1.5869



28.9338, 0.8552, 0.2327



28.9344, -2.8893, 3.7438

Square

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



28.9344, 0.8545, 0.2332



28.9344, -0.1545, 3.7328



28.9344, -3.8696, 2.8554



28.9344, -2.9106, -0.7630

Rectangle

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



28.9338, 0.8552, 0.2327



28.9344, 1.0736, 2.4398



28.9344, -3.8696, 2.8554



28.9344, -4.0745, 0.6827

Sweetspot

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



28.9344, 0.8545, 0.2332



39.7067, -1.1840, 1.6326



28.5639, -0.3556, -0.6802



19.6433, -0.6327, 0.8340



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.9344, 0.8545, 0.2332



37.8737, 1.7445, -0.0410



28.8537, 0.4182, 1.3830



14.6455, 0.7727, -0.0700



19.6401, 37.3274, -15.9371



46.4286, 88.0438, -36.1479

Inverse Universe

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



28.9344, 0.8545, 0.2332



37.8737, 1.7445, -0.0410



30.0023, -3.5001, 1.8503



14.6455, 0.7727, -0.0700



19.6401, 37.3274, -15.9371



46.4286, 88.0438, -36.1479

Previews

White Background



This preview shows how the HunterLab color 28.9338, 0.8552, 0.2327 looks on a white background.

Color Contrast Check

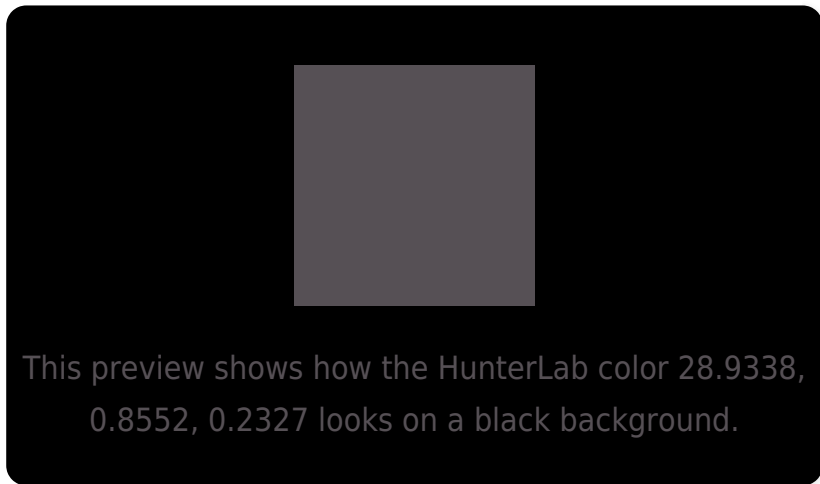
Large Text (above 18pt) WCAG AA ✓ Pass

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

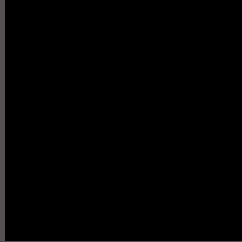
Any Text WCAG AA × Fail

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 28.9338, 0.8552, 0.2327 Background



This preview shows how black text looks on a background with the HunterLab color 28.9338, 0.8552, 0.2327.



This preview shows how white text looks on a background with the HunterLab color 28.9338, 0.8552,

0.2327.

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

28.9338, 0.8552, 0.2327

Protanopia

28.8974, -0.5252, -0.2665

Deuteranopia

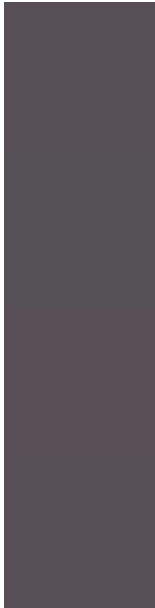
28.8488, 1.8613, 0.1461



Tritanopia

28.9614, 1.0043, -0.1603

Trichromacy



Original Color

28.9338, 0.8552, 0.2327

Protanomaly

28.9754, -0.2569, -0.1651

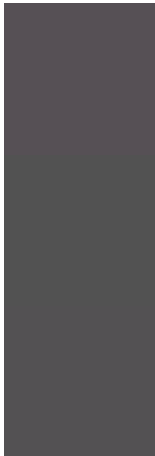
Deuteranomaly

28.7647, 1.5781, 0.0376

Tritanomaly

28.9614, 1.0043, -0.1603

Monochromacy



Original Color

28.9338, 0.8552, 0.2327

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.8936, -0.7022, 0.9989

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9338, 0.8552, 0.2327 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(86, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(86, 80, 85)  
}
```

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(86, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 80, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9338, 0.8552, 0.2327 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(86, 80, 85) }
```


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

```
.border{ border-color:rgb(86, 80, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 80, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(86, 80, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.9338, 0.8552, 0.2327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 80, 85) }
```

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

```
.background{ background-color: rgb(86, 80,  
85) }
```

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