# Converting Colors

HunterLab(29.3634, -1.0219, 1.5371)

# Have a look what the booklet for HunterLab(29.3634, -1.0219, 1.5371) contains.

**HunterLab(29.2300, -0.8649, 1.3967)** ..... 3
- ***Conversions*** ..... 4
- ***Details*** ..... 6
- ***Harmonies*** ..... 12
- ***Previews*** ..... 24
- ***Color Blindness Simulation*** ..... 28
- ***CSS Examples*** ..... 31

# Color

HunterLab(29.2300, -0.8649, 1.3967)

# Conversions

Conversions Part 1

| Format | Color |
| --- | --- |
| Hex | 545253 |
| RGB | 84, 82, 83 |
| RGB Percent | 33%, 32%, 33% |
| CMY | 0.6706, 0.6784, 0.6745 |
| CMYK | 0.00, 0.02, 0.01, 0.67 |
| HSL | 330°, 1%, 33% |
| HSV | 330°, 2%, 33% |
| XYZ | 8.2348, 8.5439, 9.3987 |
| YIQ | 82.7120, 0.8710, 0.7350 |

# Conversions

Conversions Part 2

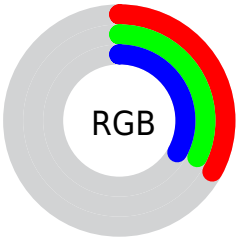
| Format | Color |
| --- | --- |
| RYB | 84, 82, 83 |
| Decimal | 5526099 |
| CIELab | 35.09, 1.02, -0.30 |
| CIELCh | 35, 1.068, 343.647 |
| Yxy | 8.5443, 0.3146, 0.3264 |
| Android (android.graphics.Color) | 4283716179 (0xFF545253) |
| YUV | 82.7120, 0.1420, 1.1296 |
| Hunter-Lab | 29.2300, -0.8649, 1.3967 |

# Details

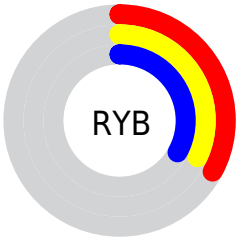
The HunterLab color 29.2300, -0.8649, 1.3967 is a dark color, and the websafe version is hex 666666. A complement of this color would be 29.5960, -2.2667, 1.8020, and the grayscale version is 29.3060, -1.5637, 1.5923.

A 20% lighter version of the original color is 47.8384, -1.7998, 2.3908, and 13.7638, -0.1186, 0.5800 is the 20% darker color. If you saturate the color by 10%, you get 27.0018, 2.2104, 0.5197, and if you desaturate by 10%, it is 31.5542, -3.8829, 2.3508.

# Distribution

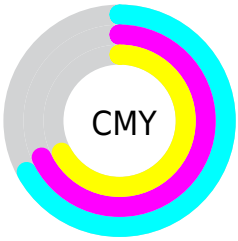



- Red (33%)
- Green (32%)
- Blue (33%)




- Red (33%)
- Yellow (32%)
- Blue (33%)

- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (67%)




- Cyan (67%)
- Magenta (68%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2300, -0.8649, 1.3967 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 29.2300, -0.8649, 1.3967 by changing the saturation by 10% instead.

29.2300, -0.8649, 1.3967

134.1421, -6.0121, 6.9802

47.9779, -1.7431, 2.3830

58.4490, -2.2469, 2.9375

69.5875, -2.7898, 3.5293

81.3553, -3.3690, 4.1561

93.7206, -3.9825, 4.8160

106.6558, -4.6285,

29.2300, -0.8649, 1.3967

21.0835, -0.5015, 0.9736

13.8765, -0.1969, 0.6037

7.5079, 0.1938, 0.2426

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

5.5076

0.0000, NaN, NaN

120.1367, -5.3055, 6.2294

29.2300, -0.8649, 1.3967

29.2300, -0.8649, 1.3967

27.0018, 2.2104, 0.5197

31.5542, -3.8829, 2.3508

24.8820, 5.3410, -0.2627

33.9610, -6.8436, 3.3660

22.8882, 8.5118, -0.9248

36.4415, -9.7523, 4.4318

21.0412, 11.6903, -1.4347

38.9880, -12.6154, 5.5400

19.3653, 14.8166, -1.7533

41.5940, -15.4390, 6.6840

17.8880, 17.7933, -1.8364

16.6374, 20.4788, -1.6411

15.6391, 22.6976, -1.1383

14.8814, 24.3667, -0.3623

44.2540, -18.2292, 7.8591

46.9636, -20.9916, 9.0612

49.7188, -23.7311, 10.2875

52.5163, -26.4522, 11.5353

# Harmonies

## Analogous

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

29.2306, -1.0615, 1.0900

29.2300, -0.8649, 1.3967

29.2306, -0.8567, 1.7526

# Triad

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

29.2306, -0.8656, 1.3972

29.2306, -1.7313, 2.2503

29.2306, -2.0816, 1.1133

## Complementary

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

29.2300, -0.8649, 1.3967

29.5960, -2.2667, 1.8020

# 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.

29.2306, -2.2592, 1.4287

29.2300, -0.8649, 1.3967

29.2306, -2.0576, 2.0835

# Square

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

29.2306, -0.8656, 1.3972

29.2306, -1.3578, 2.2421

29.2306, -2.2504, 1.7837

29.2306, -1.7641, 0.9247

# Rectangle

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

29.2300, -0.8649, 1.3967

29.2306, -0.9581, 1.9689

29.2306, -2.2504, 1.7837

29.2306, -2.1595, 1.2082

# Sweetspot

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

29.2306, -0.8656, 1.3972

39.0399, -1.6847, 2.0107

29.1789, -0.9912, 0.9193

19.7769, -0.8733, 1.0241

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.

29.2306, -0.8656, 1.3972

38.4160, -0.8520, 1.7589

29.2044, -1.0086, 1.7710

14.4309, -0.2648, 0.6459

17.9613, 32.1512, 0.8164

42.9225, 76.4397, 4.9947

# Inverse Universe

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

29.2306, -0.8656, 1.3972

38.4160, -0.8520, 1.7589

29.6222, -2.1225, 1.4278

14.4309, -0.2648, 0.6459

17.9613, 32.1512, 0.8164

42.9225, 76.4397, 4.9947

# Previews

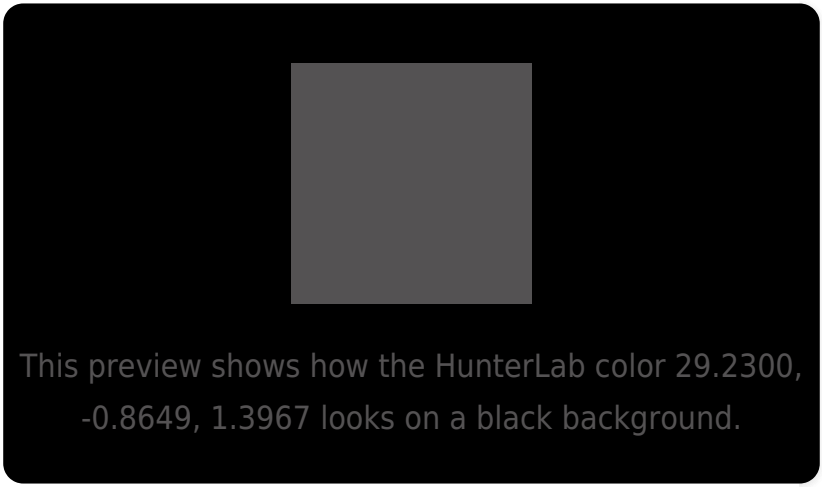
## White Background

This preview shows how the HunterLab color 29.2300, -0.8649, 1.3967 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 29.2300, -0.8649, 1.3967 Background

This preview shows how black text looks on a background with the HunterLab color 29.2300, -0.8649, 1.3967.

This preview shows how white text looks on a background with the HunterLab color 29.2300, -0.8649,

1.3967.

# 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**
29.2300, -0.8649, 1.3967

**Protanopia**
29.2300, -0.8649, 1.3967

**Deuteranopia**
29.2156, 1.7003, 1.4245

**Tritanopia**
29.1903, 0.5903, -0.7554

## Trichromacy

**Original Color**
29.2300, -0.8649, 1.3967

**Protanomaly**
29.2300, -0.8649, 1.3967

**Deuteranomaly**
29.2986, 0.6853, 1.5050

**Tritanomaly**
29.1342, 0.2870, 0.0405

## Monochromacy

**Original Color**
29.2300, -0.8649, 1.3967

**Achromatopsia**
29.4110, -1.5693, 1.5980

**Achromatomaly**
29.4110, -1.5693, 1.5980

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.2300, -0.8649, 1.3967 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(84, 82, 83) looks like.

```
.text, #text, p{
    color:rgb(84, 82, 83)
}
```

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(84, 82, 83) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(84, 82, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 82, 83) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.2300, -0.8649, 1.3967 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(84, 82, 83) }
```

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

```
.border{ border-color:rgb(84, 82, 83) }
```

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

Here you see how a box with a 4 pixel rgb(84, 82, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 82, 83); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 82, 83); box-shadow:4px 4px 4px 4px rgb(84, 82, 83) }
```

# Background

The CSS property to change the background color of an element to HunterLab 29.2300, -0.8649, 1.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(84, 82, 83) }
```

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

```
.background{ background-color:rgb(84, 82, 83) }
```

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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