

Converting Colors

HunterLab(12.9652, 0.3056,
0.3528)

Have a look what the booklet for
HunterLab(12.9652, 0.3056, 0.3528)
contains.

HunterLab(12.9025, 0.2948, 0.2859)	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(12.9025, 0.2948,
0.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	252224
RGB	37, 34, 36
RGB Percent	15%, 13%, 14%
CMY	0.8549, 0.8667, 0.8588
CMYK	0.00, 0.08, 0.03, 0.85
HSL	320°, 4%, 14%
HSV	320°, 8%, 15%
XYZ	1.6534, 1.6647, 1.9032
YIQ	35.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

Format	Color
RYB	37, 34, 36
Decimal	2433572
CIELab	13.62, 1.88, -0.84
CIELCh	14, 2.062, 336.054
Yxy	1.6648, 0.3167, 0.3188
Android (android.graphics.Color)	4280623652 (0xFF252224)
YUV	35.1250, 0.4314, 1.6444
Hunter-Lab	12.9025, 0.2948, 0.2859

Details

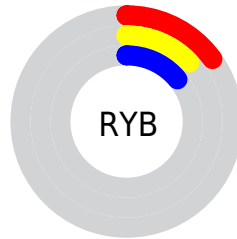
The HunterLab color **12.9025, 0.2948, 0.2859** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.3589, -1.6692, 1.1448**, and the grayscale version is **13.0027, -0.6938, 0.7065**.

A 20% lighter version of the original color is **27.9675, -0.1047, 1.1423**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0712, 1.5708, -0.2554**, and if you desaturate by 10%, it is **13.7679, -0.9623, 0.8464**.

Distribution



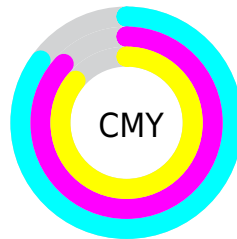
- Red (15%)
- Green (13%)
- Blue (14%)



- Red (15%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (85%)



- Cyan (85%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9025, 0.2948, 0.2859 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 12.9025, 0.2948, 0.2859 by changing the saturation by 10% instead.

■ 12.9025, 0.2948,
0.2859

■ 12.9025, 0.2948,
0.2859

104.7169, -3.6381,
4.8738

■ 6.3302, 0.9590,
-0.2034

■ 27.9765, -0.2287,
0.9877

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.8466, -0.5828,
1.4200

0.0000, NaN, NaN

■ 46.4955, -0.9880,
1.8987

0.0000, NaN, NaN

■ 56.8648, -1.4394,
2.4199

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9075, -1.9328,
2.9803

0.0000, NaN, NaN

■ 79.5849, -2.4654,

0.0000, NaN, NaN

3.5774

■ 91.8641, -3.0345,
4.2092

■ 12.9025, 0.2948,
0.2859

■ 12.9025, 0.2948,
0.2859

■ 12.0712, 1.5708,
-0.2554

■ 13.7679, -0.9623,
0.8464

■ 11.2776, 2.8641,
-0.7725

■ 14.6631, -2.1988,
1.4212

■ 10.5267, 4.1682,
-1.2577

■ 15.5853, -3.4156,
2.0077

■ 9.8243, 5.4723,
-1.7011

■ 16.5318, -4.6140,
2.6036

■ 9.1770, 6.7588,
-2.0899

■ 17.5005, -5.7958,
3.2073

■ 8.5918, 8.0015,
-2.4083

■ 18.4895, -6.9625,
3.8176

■ 8.0623, 9.2036,
-2.6598

■ 19.4971, -8.1162,
4.4336

■ 7.5101, 10.5928,
-2.9626

■ 20.5220, -9.2583,
5.0546

■ 6.9158, 12.2864,
-3.3582

■ 21.5630, -10.3906,
5.6803

Harmonies

Analogous

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



12.9028, -0.0590, -0.1402



12.9025, 0.2948, 0.2859



12.9028, 0.3825, 0.8083

Triad

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



12.9028, 0.2945, 0.2861



12.9028, -0.8008, 1.6658



12.9028, -1.5354, 0.0944

Complementary

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



12.9025, 0.2948, 0.2859



13.3589, -1.6692, 1.1448

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.



12.9028, -1.7269, 0.5955



12.9025, 0.2948, 0.2859



12.9028, -1.3074, 1.4916

Square

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



12.9028, 0.2945, 0.2861



12.9028, -0.2559, 1.5908



12.9028, -1.6442, 1.1051



12.9028, -1.1168, -0.2541

Rectangle

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



12.9025, 0.2948, 0.2859



12.9028, 0.2775, 1.1376



12.9028, -1.6442, 1.1051



12.9028, -1.6282, 0.2513

Sweetspot

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



12.9028, 0.2945, 0.2861



17.1042, -0.5837, 0.7885



12.7868, -0.0533, -0.2374



9.8972, -0.3702, 0.4701



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.9028, 0.2945, 0.2861



16.1721, 0.7945, 0.1835



12.8680, 0.1062, 0.7822



7.3549, 0.1399, 0.1747



14.3038, 26.3835, -5.3911



39.3002, 72.0740, -11.5909

Inverse Universe

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



12.9028, 0.2945, 0.2861



16.1721, 0.7945, 0.1835



13.3929, -1.4807, 0.6592



7.3549, 0.1399, 0.1747



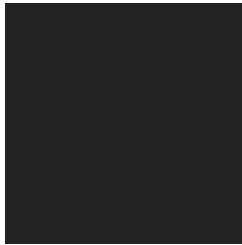
14.3038, 26.3835, -5.3911



39.3002, 72.0740, -11.5909

Previews

White Background



This preview shows how the HunterLab color 12.9025, 0.2948, 0.2859 looks on a white background.

Color Contrast Check

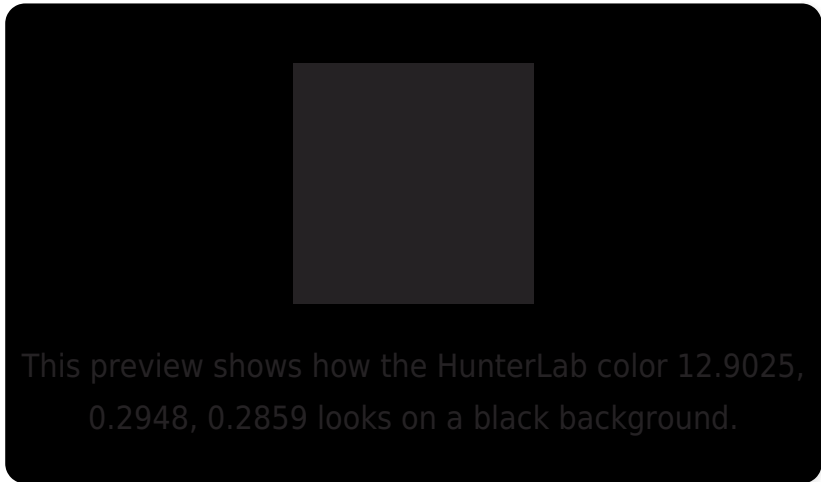
Large Text (above 18pt) WCAG AA ✓ Pass

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

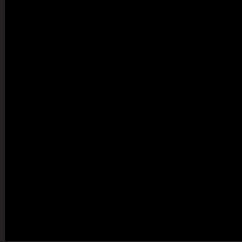
Any Text WCAG AA × Fail

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 12.9025, 0.2948, 0.2859 Background



This preview shows how black text looks on a background with the HunterLab color 12.9025, 0.2948, 0.2859.



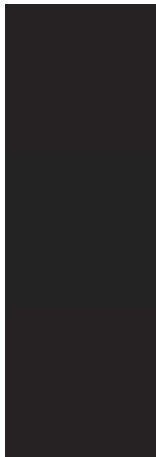
This preview shows how white text looks on a background with the HunterLab color 12.9025, 0.2948,

0.2859.

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

12.9025, 0.2948, 0.2859

Protanopia

12.9875, -0.5647, 0.3735

Deuteranopia

12.9750, 0.5407, 0.3777



Tritanopia

12.9265, 0.4243, -0.0553

Trichromacy



Original Color

12.9025, 0.2948, 0.2859

Protanomaly

13.0557, -0.3290, 0.4593

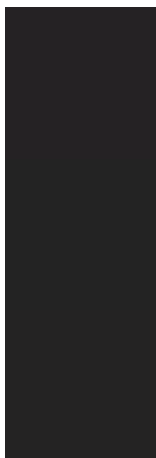
Deuteranomaly

12.9750, 0.5407, 0.3777

Tritanomaly

12.9265, 0.4243, -0.0553

Monochromacy



Original Color

12.9025, 0.2948, 0.2859

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.0326, -0.4550, 0.7887

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9025, 0.2948, 0.2859 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(37, 34, 36)` looks like.

```
.text, #text, p{  
    color:rgb(37, 34, 36)  
}
```

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(37, 34, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 34, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9025, 0.2948, 0.2859 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(37, 34, 36) }
```


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

```
.border{ border-color:rgb(37, 34, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 34, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 34, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 34, 36);  
box-shadow:4px 4px 4px 4px rgb(37, 34, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9025, 0.2948, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 34, 36) }
```

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

```
.background{ background-color: rgb(37, 34,  
36) }
```

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