

Converting Colors

HunterLab(12.6537, -3.0177,
3.3013)

Have a look what the booklet for
HunterLab(12.6537, -3.0177, 3.3013)
contains.

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Color

**HunterLab(12.7579, -2.9847,
3.2674)**

Conversions

Conversions Part 1

Format	Color
Hex	1F241A
RGB	31, 36, 26
RGB Percent	12%, 14%, 10%
CMY	0.8784, 0.8588, 0.8980
CMYK	0.14, 0.00, 0.28, 0.86
HSL	90°, 16%, 12%
HSV	90°, 28%, 14%
XYZ	1.3824, 1.6276, 1.2186
YIQ	33.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

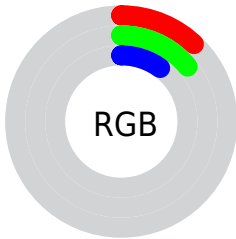
Format	Color
RYB	26, 36, 31
Decimal	2040858
CIELab	13.40, -4.66, 5.95
CIELCh	13, 7.560, 128.100
Yxy	1.6277, 0.3269, 0.3849
Android (android.graphics.Color)	4280230938 (0xFF1F241A)
YUV	33.3650, -3.6309, -2.0741
Hunter-Lab	12.7579, -2.9847, 3.2674

Details

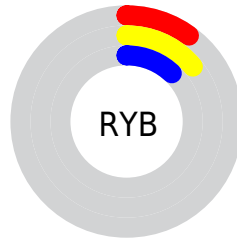
The HunterLab color **12.7579, -2.9847, 3.2674** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **10.7588, 1.9603, -2.5346**, and the grayscale version is **12.4585, -0.6648, 0.6769**.

A 20% lighter version of the original color is **27.6819, -4.3081, 4.9230**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5914, -3.7194, 4.0234**, and if you desaturate by 10%, it is **12.9367, -2.2043, 2.4254**.

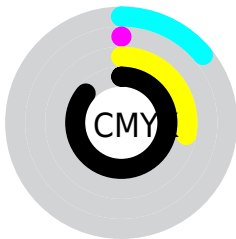
Distribution



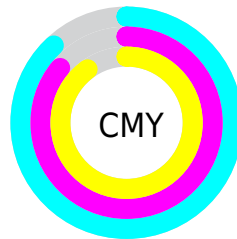
- Red (12%)
- Green (14%)
- Blue (10%)



- Red (10%)
- Yellow (14%)
- Blue (12%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (86%)



- Cyan (88%)
- Magenta (86%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7579, -2.9847, 3.2674 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 12.7579, -2.9847, 3.2674 by changing the saturation by 10% instead.

■ 12.7579, -2.9847,
3.2674

■ 12.7579, -2.9847,
3.2674

104.4259,
-10.3515, 11.3616

■ 6.1333, -3.6417,
4.2933

■ 27.7892, -4.5156,
5.0156

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.6412, -5.2935,
5.8821

0.0000, NaN, NaN

■ 46.2736, -6.0874,
6.7569

0.0000, NaN, NaN

■ 56.6274, -6.8998,
7.6444

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6557, -7.7319,
8.5474

0.0000, NaN, NaN

■ 79.3194, -8.5845,

0.0000, NaN, NaN

9.4674

■ 91.5855, -9.4576,
10.4053

■ 12.7579, -2.9847,
3.2674

■ 12.7579, -2.9847,
3.2674

■ 12.5914, -3.7194,
4.0234

■ 12.9367, -2.2043,
2.4254

■ 12.4364, -4.4055,
4.6915

■ 13.1268, -1.3794,
1.4990

■ 12.2933, -5.0416,
5.2709

■ 13.3284, -0.5128,
0.4909

■ 12.1620, -5.6264,
5.7619

■ 13.5413, 0.3931,
-0.5960

■ 12.0412, -6.1653,
6.1807

■ 13.7653, 1.3358,
-1.7585

■ 11.9259, -6.6879,
6.6035

■ 14.0000, 2.3127,
-2.9930

■ 11.8154, -7.1974,
7.0394

■ 14.2454, 3.3213,
-4.2962

■ 11.7915, -7.3087,
7.1379

■ 14.5011, 4.3592,
-5.6644

■ 14.7668, 5.4241,
-7.0940

Harmonies

Analogous

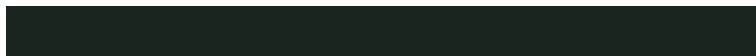
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.7582, -1.2227, 3.8308



12.7579, -2.9847, 3.2674



12.7582, -4.0807, 1.9940

Triad

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



12.7582, -2.9850, 3.2676



12.7582, -2.0945, -3.2200



12.7582, 3.3851, 1.2029

Complementary

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



12.7579, -2.9847, 3.2674



10.7588, 1.9603, -2.5346

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.



12.7582, 3.1158, -0.7581



12.7579, -2.9847, 3.2674



12.7582, -0.1310, -3.5195

Square

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



12.7582, -2.9850, 3.2676



12.7582, -3.5893, -1.7953



12.7582, 1.7982, -2.5594



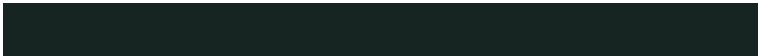
12.7582, 2.5127, 2.7656

Rectangle

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



12.7579, -2.9847, 3.2674



12.7582, -4.3272, 0.8161



12.7582, 1.7982, -2.5594



12.7582, 3.4261, 0.5717

Sweetspot

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



12.7582, -2.9850, 3.2676



16.2846, -1.7903, 1.9498



11.9569, 0.0359, 2.5224



9.1215, -1.0094, 1.0997



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.7582, -2.9850, 3.2676



15.6911, -4.3828, 4.7580



12.4740, -4.0372, 2.9706



7.6430, -0.8033, 0.8729



25.3804, -17.0327, 15.3411



69.7319, -48.8293, 42.1136

Inverse Universe

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



10.7588, 1.9603, -2.5346



12.5774, 3.3394, -4.3274



11.1412, 3.1805, -1.9618



7.3108, 0.0153, -0.0839



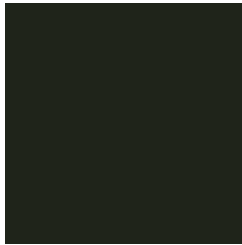
10.3467, 23.5480, -38.4994



27.5414, 63.8976, -111.9083

Previews

White Background



This preview shows how the HunterLab color 12.7579, -2.9847, 3.2674 looks on a white background.

Color Contrast Check

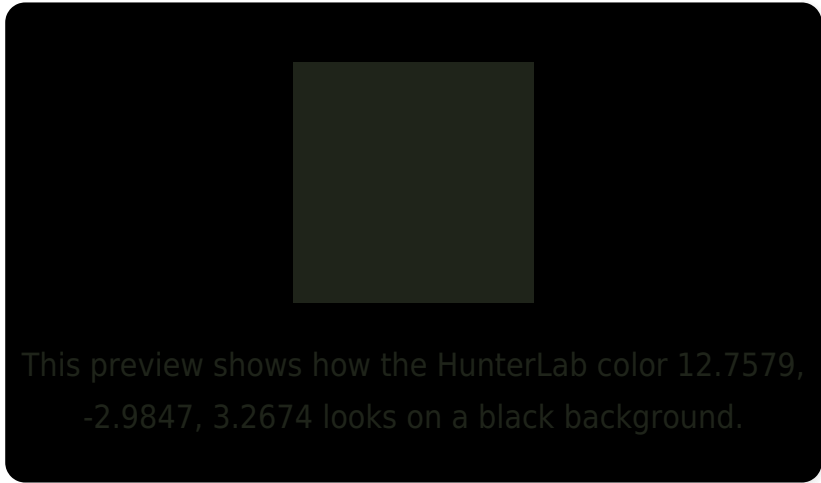
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.7579, -2.9847, 3.2674 Background



This preview shows how black text looks on a background with the HunterLab color 12.7579, -2.9847, 3.2674.



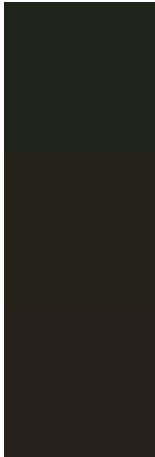
This preview shows how white text looks on a background with the HunterLab color 12.7579, -2.9847, 3.2674.

3.2674.

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

12.7579, -2.9847, 3.2674

Protanopia

12.6789, -0.9234, 3.4958

Deuteranopia

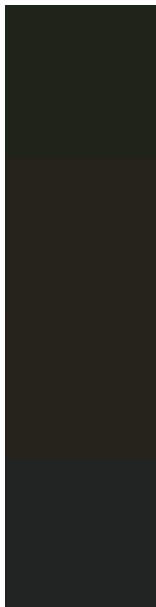
12.7199, 0.4283, 3.0122



Tritanopia

12.8801, -0.8908, -0.1358

Trichromacy



Original Color

12.7579, -2.9847, 3.2674

Protanomaly

12.7655, -1.7896, 3.5631

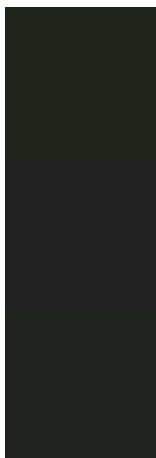
Deuteranomaly

12.7142, -0.7300, 2.9862

Tritanomaly

12.7238, -1.6272, 1.1072

Monochromacy



Original Color

12.7579, -2.9847, 3.2674

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.4293, -1.6162, 1.7714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7579, -2.9847, 3.2674 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(31, 36, 26)` looks like.

```
.text, #text, p{  
    color:rgb(31, 36, 26)  
}
```

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(31, 36, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 36, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7579, -2.9847, 3.2674 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(31, 36, 26) }
```


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

```
.border{ border-color:rgb(31, 36, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 36, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 36, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 36, 26);  
box-shadow:4px 4px 4px 4px rgb(31, 36, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7579, -2.9847, 3.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 36, 26) }
```

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

```
.background{ background-color: rgb(31, 36,  
26) }
```

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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