

Converting Colors

HunterLab(12.7715, 2.2339,
-1.0293)

Have a look what the booklet for
HunterLab(12.7715, 2.2339, -1.0293)
contains.

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Color

**HunterLab(12.7696, 2.2246,
-1.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	282027
RGB	40, 32, 39
RGB Percent	16%, 13%, 15%
CMY	0.8431, 0.8745, 0.8471
CMYK	0.00, 0.20, 0.03, 0.84
HSL	308°, 11%, 14%
HSV	308°, 20%, 16%
XYZ	1.7578, 1.6306, 2.1415
YIQ	35.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

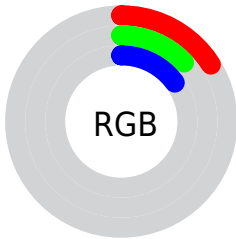
Format	Color
R_{YB}	40, 32, 39
Decimal	2629671
CIE Lab	13.42, 5.43, -3.27
CIE LCh	13, 6.341, 328.961
Yxy	1.6307, 0.3179, 0.2949
Android (android.graphics.Color)	4280819751 (0xFF282027)
YUV	35.1900, 1.8783, 4.2184
Hunter-Lab	12.7696, 2.2246, -1.0046

Details

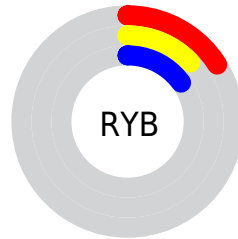
The HunterLab color **12.7696, 2.2246, -1.0046** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.9087, -3.4336, 2.3764**, and the grayscale version is **13.0186, -0.6946, 0.7073**.

A 20% lighter version of the original color is **27.8213, 2.1974, -0.6927**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9368, 3.7595, -1.8983**, and if you desaturate by 10%, it is **13.6484, 0.7103, -0.1059**.

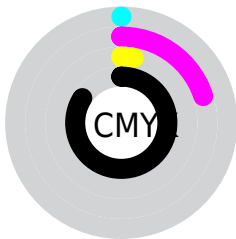
Distribution



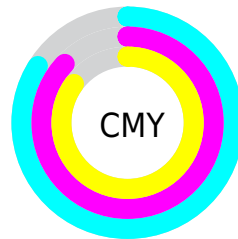
- Red (16%)
- Green (13%)
- Blue (15%)



- Red (16%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (84%)



- Cyan (84%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7696, 2.2246, -1.0046 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 12.7696, 2.2246, -1.0046 by changing the saturation by 10% instead.

■ 12.7696, 2.2246,
-1.0046

■ 12.7696, 2.2246,
-1.0046

■ 104.4495, 0.0925,
2.4216

■ 6.1495, 3.5216,
-1.8693

■ 27.8044, 2.2178,
-0.6334

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.6579, 2.0851,
-0.3438

0.0000, NaN, NaN

■ 46.2915, 1.8843,
0.0029

0.0000, NaN, NaN

■ 56.6467, 1.6239,
0.4005

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6761, 1.3101,
0.8445

0.0000, NaN, NaN

■ 79.3409, 0.9479,

0.0000, NaN, NaN

1.3313

91.6081, 0.5409,
1.8578

12.7696, 2.2246,
-1.0046

12.7696, 2.2246,
-1.0046

11.9368, 3.7595,
-1.8983

13.6484, 0.7103,
-0.1059

11.1552, 5.3064,
-2.7795

14.5671, -0.7775,
0.7916

10.4317, 6.8484,
-3.6354

15.5217, -2.2377,
1.6853

9.7740, 8.3597,
-4.4480

16.5083, -3.6704,
2.5734

9.1899, 9.8033,
-5.1936

17.5238, -5.0773,
3.4553

■ 8.6728, 11.1742,
-5.8699

■ 18.5655, -6.4603,
4.3311

■ 8.1383, 12.7220,
-6.6320

■ 19.6311, -7.8219,
5.2009

■ 7.5663, 14.5605,
-7.5422

■ 20.7184, -9.1644,
6.0653

■ 7.5662, 14.5610,
-7.5424

■ 21.8259, -10.4901,
6.9248

Harmonies

Analogous

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



12.7699, 0.9304, -2.3173



12.7696, 2.2246, -1.0046



12.7699, 2.7333, 0.6389

Triad

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



12.7699, 2.2243, -1.0044



12.7699, -0.6231, 3.4165



12.7699, -3.4036, -0.8947

Complementary

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



12.7696, 2.2246, -1.0046



13.9087, -3.4336, 2.3764

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.



12.7699, -3.7724, 0.7510



12.7696, 2.2246, -1.0046



12.7699, -2.2183, 3.1155

Square

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



12.7699, 2.2243, -1.0044



12.7699, 1.0377, 3.0709



12.7699, -3.3496, 2.1890



12.7699, -2.3153, -2.2484

Rectangle

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



12.7696, 2.2246, -1.0046



12.7699, 2.5400, 1.6596



12.7699, -3.3496, 2.1890



12.7699, -3.6132, -0.3510

Sweetspot

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



12.7699, 2.2243, -1.0044



17.4598, 0.2064, 0.2764



12.2823, 0.6641, -2.1110



9.6232, 0.0873, 0.1679



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.



12.7699, 2.2243, -1.0044



15.3781, 3.8159, -1.8615



12.6727, 1.7119, 0.3747



8.0520, 0.2396, 0.0427



15.4310, 29.5975, -14.6136



41.7800, 79.9517, -38.1356

Inverse Universe

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



12.7699, 2.2243, -1.0044



15.3781, 3.8159, -1.8615



13.9924, -2.9606, 1.1768



8.0520, 0.2396, 0.0427



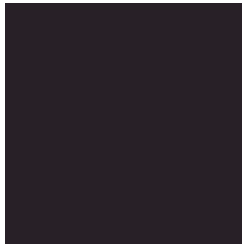
15.4310, 29.5975, -14.6136



41.7800, 79.9517, -38.1356

Previews

White Background



This preview shows how the HunterLab color 12.7696, 2.2246, -1.0046 looks on a white background.

Color Contrast Check

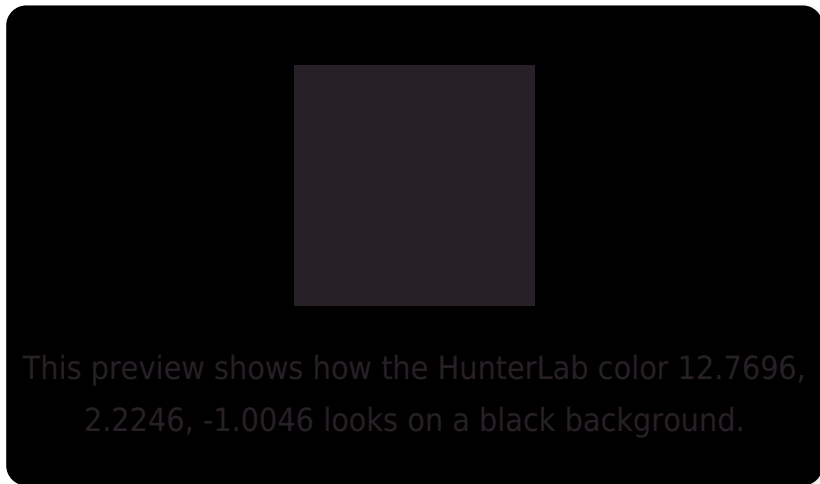
Large Text (above 18pt) WCAG AA ✓ Pass

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

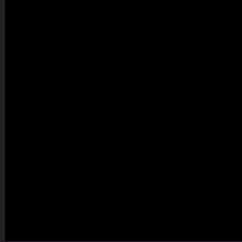
Any Text WCAG AA × Fail

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 12.7696, 2.2246, -1.0046 Background



This preview shows how black text looks on a background with the HunterLab color 12.7696, 2.2246, -1.0046.



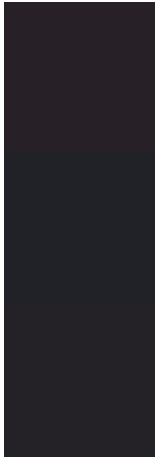
This preview shows how white text looks on a background with the HunterLab color 12.7696, 2.2246, -1.0046.

-1.0046.

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

12.7696, 2.2246, -1.0046

Protanopia

12.7302, -0.0923, -1.5070

Deuteranopia

12.9058, 0.4542, -0.8576



Tritanopia

12.8078, 1.0550, 0.5496

Trichromacy



Original Color

12.7696, 2.2246, -1.0046

Protanomaly

12.7121, 0.9846, -1.5126

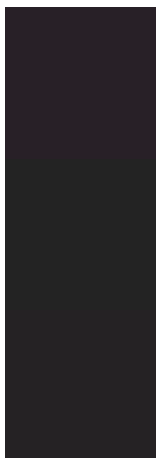
Deuteranomaly

12.7574, 1.0832, -1.0407

Tritanomaly

12.8313, 1.1804, 0.2149

Monochromacy



Original Color

12.7696, 2.2246, -1.0046

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.9025, 0.2948, 0.2859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7696, 2.2246, -1.0046 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(40, 32, 39)` looks like.

```
.text, #text, p{  
    color:rgb(40, 32, 39)  
}
```

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(40, 32, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 32, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7696, 2.2246, -1.0046 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(40, 32, 39) }
```


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

```
.border{ border-color:rgb(40, 32, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 32, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 32, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 32, 39);  
box-shadow:4px 4px 4px 4px rgb(40, 32, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7696, 2.2246, -1.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 32, 39) }
```

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

```
.background{ background-color: rgb(40, 32,  
39) }
```

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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