

Converting Colors

HunterLab(12.7900, 1.3648,
2.6146)

Have a look what the booklet for
HunterLab(12.7900, 1.3648, 2.6146)
contains.

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Color

**HunterLab(12.7042, 1.5568,
2.4307)**

Conversions

Conversions Part 1

Format	Color
Hex	2A201D
RGB	42, 32, 29
RGB Percent	16%, 13%, 11%
CMY	0.8353, 0.8745, 0.8863
CMYK	0.00, 0.24, 0.31, 0.84
HSL	14°, 18%, 14%
HSV	14°, 31%, 16%
XYZ	1.6931, 1.6140, 1.3847
YIQ	34.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

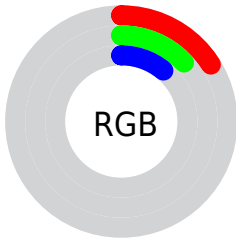
Format	Color
RYB	42, 33, 29
Decimal	2760733
CIELab	13.32, 4.22, 3.86
CIElCh	13, 5.723, 42.421
Yxy	1.6140, 0.3609, 0.3440
Android (android.graphics.Color)	4280950813 (0xFF2A201D)
YUV	34.6480, -2.7845, 6.4477
Hunter-Lab	12.7042, 1.5568, 2.4307

Details

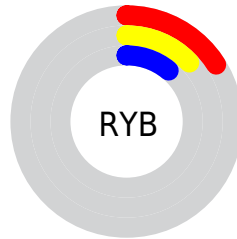
The HunterLab color **12.7042, 1.5568, 2.4307** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.7089, -2.5051, -1.0701**, and the grayscale version is **12.8599, -0.6862, 0.6987**.

A 20% lighter version of the original color is **27.7695, 1.4037, 4.0461**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9545, 2.4017, 2.9028**, and if you desaturate by 10%, it is **13.4867, 0.7517, 1.9334**.

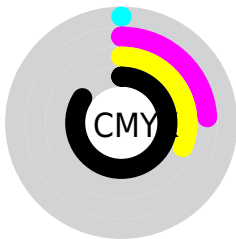
Distribution



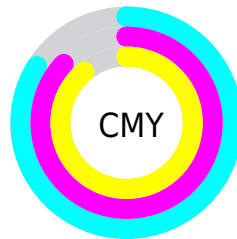
- Red (16%)
- Green (13%)
- Blue (11%)



- Red (16%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (84%)



- Cyan (84%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7042, 1.5568, 2.4307 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 12.7042, 1.5568, 2.4307 by changing the saturation by 10% instead.

■ 12.7042, 1.5568,
2.4307

■ 12.7042, 1.5568,
2.4307

104.3177, -1.1744,
9.3988

■ 6.0584, 2.7149,
2.9711

■ 27.7196, 1.3795,
3.8373

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.5649, 1.1732,
4.5638

0.0000, NaN, NaN

■ 46.1911, 0.9043,
5.3116

0.0000, NaN, NaN

■ 56.5392, 0.5802,
6.0822

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.5620, 0.2064,
6.8762

0.0000, NaN, NaN

■ 79.2206, -0.2128,

0.0000, NaN, NaN

7.6937

■ 91.4819, -0.6740,
8.5347

■ 12.7042, 1.5568,
2.4307

■ 12.7042, 1.5568,
2.4307

■ 11.9545, 2.4017,
2.9028

■ 13.4867, 0.7517,
1.9334

■ 11.2406, 3.2886,
3.3435

■ 14.2979, -0.0143,
1.4148

■ 10.5669, 4.2156,
3.7458

■ 15.1353, -0.7442,
0.8786

■ 9.9384, 5.1781,
4.1011

■ 15.9963, -1.4411,
0.3276

■ 9.3590, 6.1607,
4.4194

■ 16.8790, -2.1080,
-0.2361

■ 8.8248, 7.1051,
4.8290

■ 17.7814, -2.7478,
-0.8107

■ 8.3828, 7.9029,
5.3038

■ 18.7021, -3.3632,
-1.3950

■ 19.6396, -3.9569,
-1.9880

■ 20.5927, -4.5310,
-2.5888

Harmonies

Analogous

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



12.7045, 2.3097, 1.2763



12.7042, 1.5568, 2.4307



12.7045, 0.2180, 3.0709

Triad

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



12.7045, 1.5563, 2.4309



12.7045, -3.3515, 1.5045



12.7045, -0.0425, -2.3410

Complementary

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



12.7042, 1.5568, 2.4307



13.7089, -2.5051, -1.0701

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.



12.7045, -1.5510, -2.2611



12.7042, 1.5568, 2.4307



12.7045, -3.4139, 0.0776

Square

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



12.7045, 1.5563, 2.4309



12.7045, -2.5943, 2.5809



12.7045, -2.7689, -1.3349



12.7045, 1.3579, -1.5416

Rectangle

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



12.7042, 1.5568, 2.4307



12.7045, -0.8020, 3.1719



12.7045, -2.7689, -1.3349



12.7045, -0.5546, -2.4185

Sweetspot

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



12.7045, 1.5563, 2.4309



18.0532, -0.1520, 1.6763



12.3235, 3.9770, -1.6483



10.2087, -0.0719, 0.9595



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.7045, 1.5563, 2.4309



15.1394, 2.8088, 3.5290



14.0979, -0.8691, 3.7833



8.1108, -0.1340, 0.6985



15.4015, 18.3607, 9.8117



40.1622, 54.7973, 25.7071

Inverse Universe

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



13.7089, -2.5051, -1.0701



16.7104, -3.5672, -1.9528



12.2418, -0.1384, -3.0682



8.2574, -0.7237, 0.1883



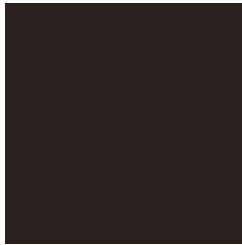
20.9557, -7.0248, -11.0283



55.5479, -17.1957, -32.3094

Previews

White Background



This preview shows how the HunterLab color 12.7042, 1.5568, 2.4307 looks on a white background.

Color Contrast Check

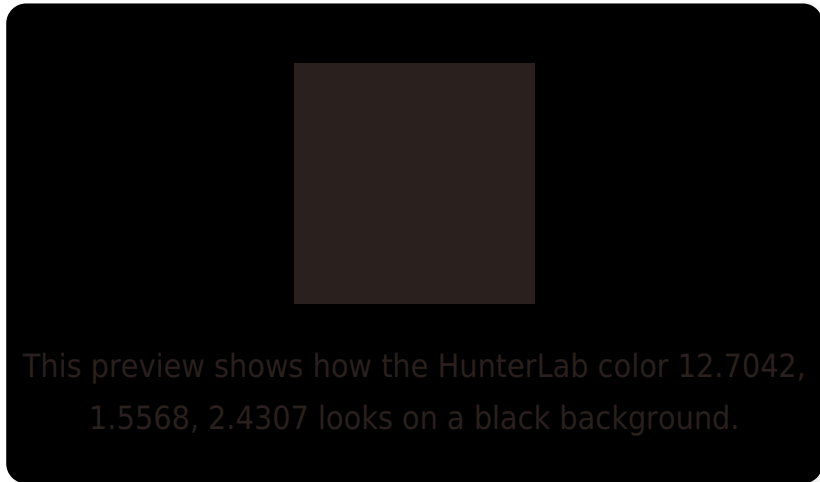
Large Text (above 18pt) WCAG AA ✓ Pass

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

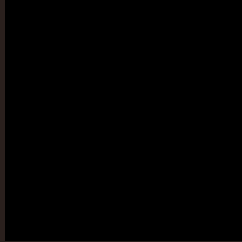
Any Text WCAG AA × Fail

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 12.7042, 1.5568, 2.4307 Background



This preview shows how black text looks on a background with the HunterLab color 12.7042, 1.5568, 2.4307.

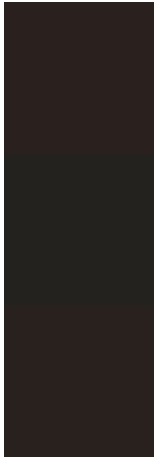


This preview shows how white text looks on a background with the HunterLab color 12.7042, 1.5568,

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

12.7042, 1.5568, 2.4307

Protanopia

12.6998, -0.6650, 2.0796

Deuteranopia

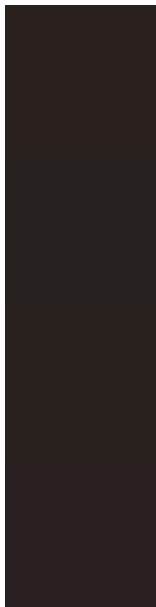
12.7575, 0.6307, 2.4700



Tritanopia

12.6004, 2.5073, 0.6872

Trichromacy



Original Color

12.7042, 1.5568, 2.4307

Protanomaly

12.6235, 0.2157, 2.0132

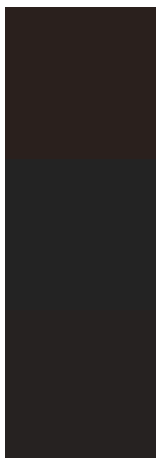
Deuteranomaly

12.8368, 0.8976, 2.5569

Tritanomaly

12.5559, 2.2740, 1.3239

Monochromacy



Original Color

12.7042, 1.5568, 2.4307

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.9071, 0.1743, 1.3469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7042, 1.5568, 2.4307 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(42, 32, 29)` looks like.

```
.text, #text, p{  
    color:rgb(42, 32, 29)  
}
```

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(42, 32, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 32, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7042, 1.5568, 2.4307 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(42, 32, 29) }
```


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

```
.border{ border-color:rgb(42, 32, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 32, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 32, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 32, 29);  
box-shadow:4px 4px 4px 4px rgb(42, 32, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7042, 1.5568, 2.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 32, 29) }
```

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

```
.background{ background-color: rgb(42, 32,  
29) }
```

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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