

Converting Colors

HunterLab(12.5596, -0.0747,
1.7480)

Have a look what the booklet for
HunterLab(12.5596, -0.0747, 1.7480)
contains.

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Color

**HunterLab(12.5696, 0.0731,
1.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	25211F
RGB	37, 33, 31
RGB Percent	15%, 13%, 12%
CMY	0.8549, 0.8706, 0.8784
CMYK	0.00, 0.11, 0.16, 0.85
HSL	20°, 9%, 13%
HSV	20°, 16%, 15%
XYZ	1.5541, 1.5799, 1.5194
YIQ	33.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

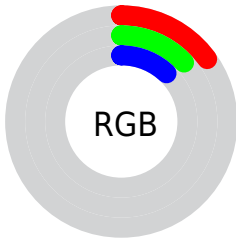
Format	Color
RYB	37, 34, 31
Decimal	2433311
CIELab	13.11, 1.44, 2.04
CIELCh	13, 2.495, 54.677
Yxy	1.5800, 0.3340, 0.3395
Android (android.graphics.Color)	4280623391 (0xFF25211F)
YUV	33.9680, -1.4632, 2.6591
Hunter-Lab	12.5696, 0.0731, 1.6320

Details

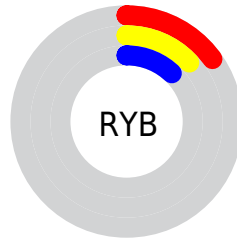
The HunterLab color **12.5696, 0.0731, 1.6320** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.7549, -1.3292, -0.2996**, and the grayscale version is **12.6415, -0.6745, 0.6868**.

A 20% lighter version of the original color is **27.5855, -0.3678, 2.6844**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9570, 0.6050, 2.1461**, and if you desaturate by 10%, it is **13.2009, -0.4287, 1.0894**.

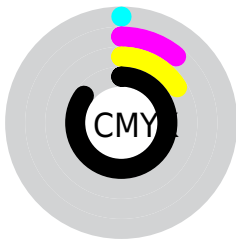
Distribution



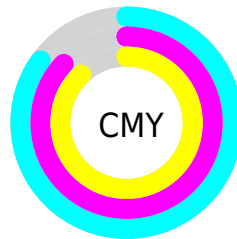
- Red (15%)
- Green (13%)
- Blue (12%)



- Red (15%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (85%)



- Cyan (85%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5696, 0.0731, 1.6320 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 12.5696, 0.0731, 1.6320 by changing the saturation by 10% instead.

■ 12.5696, 0.0731,
1.6320

■ 12.5696, 0.0731,
1.6320

104.0457, -4.0650,
7.6413

■ 5.8658, 0.7584,
1.7579

■ 27.5449, -0.5092,
2.7514

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3733, -0.8885,
3.3592

0.0000, NaN, NaN

■ 45.9838, -1.3171,
3.9988

0.0000, NaN, NaN

■ 56.3175, -1.7901,
4.6693

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3268, -2.3041,
5.3698

0.0000, NaN, NaN

■ 78.9725, -2.8560,

0.0000, NaN, NaN

6.0992

■ 91.2216, -3.4437,
6.8567

■ 12.5696, 0.0731,
1.6320

■ 12.5696, 0.0731,
1.6320

■ 11.9570, 0.6050,
2.1461

■ 13.2009, -0.4287,
1.0894

■ 11.3640, 1.1703,
2.6273

■ 13.8485, -0.9014,
0.5211

■ 10.7925, 1.7703,
3.0711

■ 14.5115, -1.3477,
-0.0698

■ 10.2449, 2.4063,
3.4724

■ 15.1887, -1.7698,
-0.6811

■ 9.7233, 3.0785,
3.8252

■ 15.8791, -2.1696,
-1.3106

■ 9.2298, 3.7833,
4.1302

■ 16.5818, -2.5491,
-1.9567

■ 8.7601, 4.4828,
4.4851

■ 17.2960, -2.9102,
-2.6178

■ 8.3142, 5.1603,
4.9268

■ 18.0209, -3.2543,
-3.2927

■ 8.1521, 5.4092,
5.1180

■ 18.7560, -3.5830,
-3.9802

Harmonies

Analogous

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



12.5699, 0.5058, 1.1791



12.5696, 0.0731, 1.6320



12.5699, -0.5531, 1.8306

Triad

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



12.5699, 0.0727, 1.6322



12.5699, -1.9133, 0.7960



12.5699, -0.1358, -0.4660

Complementary

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



12.5696, 0.0731, 1.6320



12.7549, -1.3292, -0.2996

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.



12.5699, -0.7892, -0.5815



12.5696, 0.0731, 1.6320



12.5699, -1.8067, 0.1683

Square

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



12.5699, 0.0727, 1.6322



12.5699, -1.6927, 1.3641



12.5699, -1.3986, -0.3439



12.5699, 0.3836, -0.0359

Rectangle

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



12.5696, 0.0731, 1.6320



12.5699, -0.9921, 1.7996



12.5699, -1.3986, -0.3439



12.5699, -0.3474, -0.5438

Sweetspot

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



12.5699, 0.0727, 1.6322



16.9019, -0.6003, 1.3273



12.2256, 1.3283, -0.1549



9.7578, -0.3469, 0.7659



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.



12.5699, 0.0727, 1.6322



15.7029, 0.3664, 2.3547



13.2439, -1.0574, 2.3389



7.4512, -0.2019, 0.6669



16.0302, 14.7270, 10.1355



42.3287, 46.0941, 26.8897

Inverse Universe

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



12.7549, -1.3292, -0.2996



15.9974, -1.8656, -0.7203



12.0744, -0.2040, -1.1579



7.5017, -0.5841, 0.1401



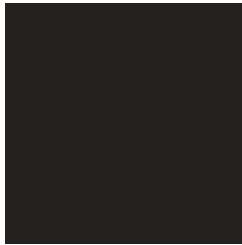
18.1040, -3.6309, -14.7903



48.1449, -7.1124, -44.8233

Previews

White Background



This preview shows how the HunterLab color 12.5696, 0.0731, 1.6320 looks on a white background.

Color Contrast Check

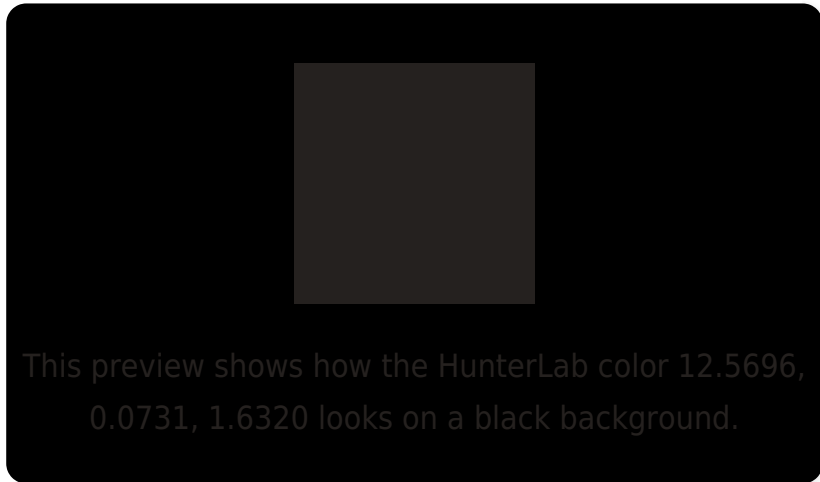
Large Text (above 18pt) WCAG AA ✓ Pass

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

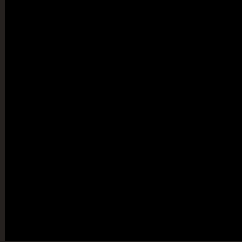
Any Text WCAG AA × Fail

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 12.5696, 0.0731, 1.6320 Background



This preview shows how black text looks on a background with the HunterLab color 12.5696, 0.0731, 1.6320.

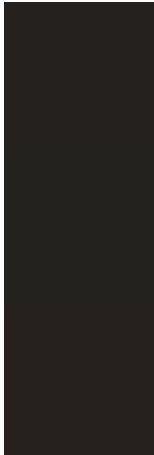


This preview shows how white text looks on a background with the HunterLab color 12.5696, 0.0731,

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

12.5696, 0.0731, 1.6320

Protanopia

12.6503, -0.7964, 1.7055

Deuteranopia

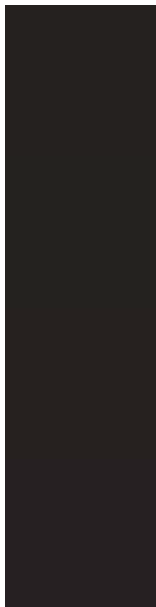
12.6440, 0.3267, 1.7182



Tritanopia

12.5158, 1.1907, 0.2003

Trichromacy



Original Color

12.5696, 0.0731, 1.6320

Protanomaly

12.7203, -0.5532, 1.7862

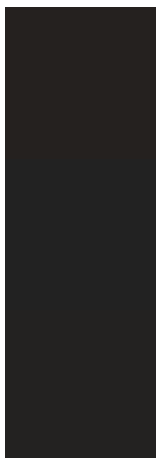
Deuteranomaly

12.6440, 0.3267, 1.7182

Tritanomaly

12.4923, 1.0658, 0.5337

Monochromacy



Original Color

12.5696, 0.0731, 1.6320

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6932, -0.5613, 1.0909

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5696, 0.0731, 1.6320 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, 33, 31)` looks like.

```
.text, #text, p{  
    color:rgb(37, 33, 31)  
}
```

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, 33, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 33, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5696, 0.0731, 1.6320 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, 33, 31) }
```


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

```
.border{ border-color:rgb(37, 33, 31) }
```

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

Here you see how a box with a 4 pixel rgb(37, 33, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 33, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 33, 31);  
box-shadow:4px 4px 4px 4px rgb(37, 33, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5696, 0.0731, 1.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 33, 31) }
```

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

```
.background{ background-color: rgb(37, 33,  
31) }
```

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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