

Converting Colors

HunterLab(12.6345, 0.2840,
1.8359)

Have a look what the booklet for
HunterLab(12.6345, 0.2840, 1.8359)
contains.

HunterLab(12.6440, 0.3267, 1.7182)	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(12.6440, 0.3267,
1.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	26211F
RGB	38, 33, 31
RGB Percent	15%, 13%, 12%
CMY	0.8510, 0.8706, 0.8784
CMYK	0.00, 0.13, 0.18, 0.85
HSL	17°, 10%, 14%
HSV	17°, 18%, 15%
XYZ	1.5905, 1.5987, 1.5211
YIQ	34.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

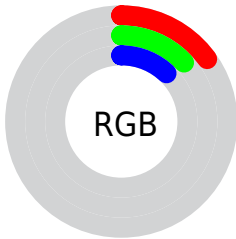
Format	Color
R_YB	38, 34, 31
Decimal	2498847
CIE Lab	13.22, 1.93, 2.22
CIE LCh	13, 2.939, 48.928
Yxy	1.5988, 0.3377, 0.3394
Android (android.graphics.Color)	4280688927 (0xFF26211F)
YUV	34.2670, -1.6106, 3.2738
Hunter-Lab	12.6440, 0.3267, 1.7182

Details

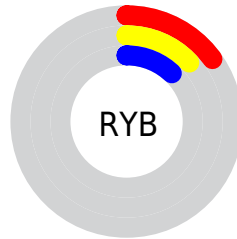
The HunterLab color **12.6440, 0.3267, 1.7182** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.0114, -1.5636, -0.3657**, and the grayscale version is **12.7364, -0.6796, 0.6920**.

A 20% lighter version of the original color is **27.6672, -0.0871, 2.7820**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9804, 0.9523, 2.2070**, and if you desaturate by 10%, it is **13.3297, -0.2669, 1.2052**.

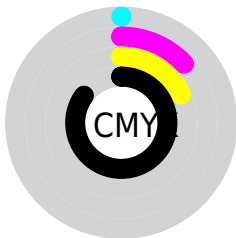
Distribution



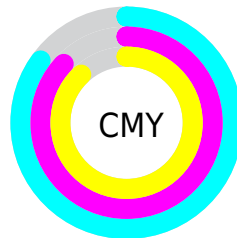
- Red (15%)
- Green (13%)
- Blue (12%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (85%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6440, 0.3267, 1.7182 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 12.6440, 0.3267, 1.7182 by changing the saturation by 10% instead.

■ 12.6440, 0.3267,
1.7182

■ 12.6440, 0.3267,
1.7182

104.1961, -3.5652,
7.8233

■ 5.9731, 1.0895,
1.8626

■ 27.6415, -0.1844,
2.8659

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.4792, -0.5334,
3.4855

0.0000, NaN, NaN

■ 46.0984, -0.9340,
4.1360

0.0000, NaN, NaN

■ 56.4401, -1.3811,
4.8165

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4569, -1.8706,
5.5264

0.0000, NaN, NaN

■ 79.1097, -2.3994,

0.0000, NaN, NaN

6.2647

■ 91.3656, -2.9650,
7.0306

■ 12.6440, 0.3267,
1.7182

■ 12.6440, 0.3267,
1.7182

■ 11.9804, 0.9523,
2.2070

■ 13.3297, -0.2669,
1.2052

■ 11.3401, 1.6131,
2.6670

■ 14.0347, -0.8299,
0.6707

■ 10.7259, 2.3102,
3.0936

■ 14.7576, -1.3648,
0.1175

■ 10.1405, 3.0442,
3.4812

■ 15.4971, -1.8743,
-0.4520

■ 9.5871, 3.8140,
3.8232

■ 16.2517, -2.3606,
-1.0362

■ 9.0679, 4.6107,
4.1286

■ 17.0205, -2.8259,
-1.6333

■ 8.5786, 5.3903,
4.5071

■ 17.8025, -3.2720,
-2.2423

■ 8.1207, 6.1354,
4.9855

■ 18.5967, -3.7009,
-2.8621

■ 8.0515, 6.2491,
5.0707

■ 19.4024, -4.1141,
-3.4917

Harmonies

Analogous

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



12.6443, 0.7765, 1.1429



12.6440, 0.3267, 1.7182



12.6443, -0.3857, 2.0113

Triad

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



12.6443, 0.3263, 1.7184



12.6443, -2.1154, 0.9595



12.6443, -0.1846, -0.7387

Complementary

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



12.6440, 0.3267, 1.7182



13.0114, -1.5636, -0.3657

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.



12.6443, -0.9624, -0.7952



12.6440, 0.3267, 1.7182



12.6443, -2.0645, 0.2161

Square

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



12.6443, 0.3263, 1.7184



12.6443, -1.7875, 1.5912



12.6443, -1.6468, -0.4366



12.6443, 0.4766, -0.2866

Rectangle

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



12.6440, 0.3267, 1.7182



12.6443, -0.9075, 2.0195



12.6443, -1.6468, -0.4366



12.6443, -0.4415, -0.8056

Sweetspot

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



12.6443, 0.3263, 1.7184



16.7821, -0.4792, 1.3668



12.3270, 1.7127, -0.4085



9.6977, -0.2844, 0.7819



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.



12.6443, 0.3263, 1.7184



15.3384, 0.7863, 2.4451



13.4247, -0.9921, 2.5295



7.4338, -0.1724, 0.6475



15.4976, 16.1623, 9.8325



40.9605, 50.0194, 26.1154

Inverse Universe

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



13.0114, -1.5636, -0.3657



15.9152, -2.1864, -0.8310



12.2161, -0.2572, -1.3768



7.5195, -0.6132, 0.1611



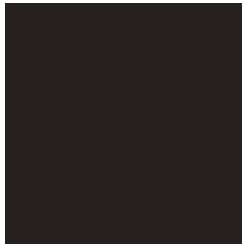
19.1233, -5.1390, -12.8089



51.1934, -11.7613, -38.5979

Previews

White Background



This preview shows how the HunterLab color 12.6440, 0.3267, 1.7182 looks on a white background.

Color Contrast Check

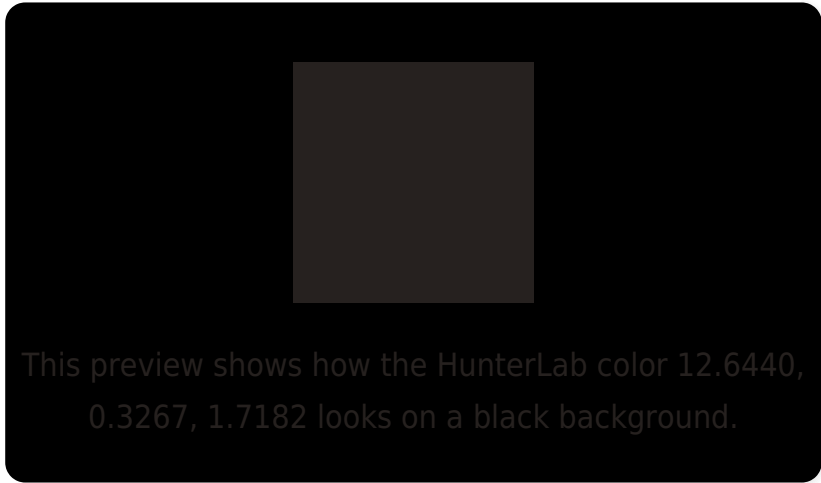
Large Text (above 18pt) WCAG AA ✓ Pass

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

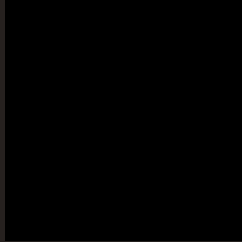
Any Text WCAG AA × Fail

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 12.6440, 0.3267, 1.7182 Background



This preview shows how black text looks on a background with the HunterLab color 12.6440, 0.3267, 1.7182.

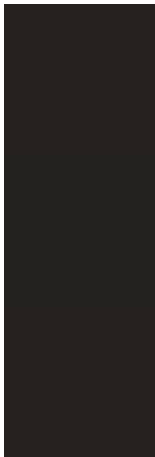


This preview shows how white text looks on a background with the HunterLab color 12.6440, 0.3267,

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

12.6440, 0.3267, 1.7182

Protanopia

12.6503, -0.7964, 1.7055

Deuteranopia

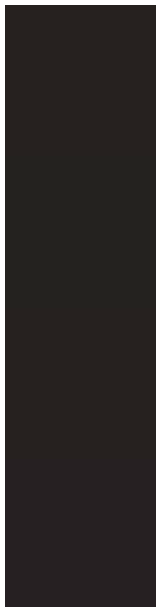
12.6440, 0.3267, 1.7182



Tritanopia

12.5158, 1.1907, 0.2003

Trichromacy



Original Color

12.6440, 0.3267, 1.7182

Protanomaly

12.7203, -0.5532, 1.7862

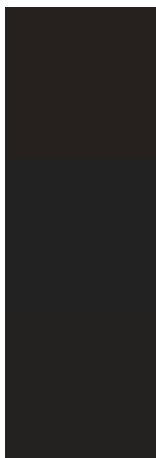
Deuteranomaly

12.6440, 0.3267, 1.7182

Tritanomaly

12.4923, 1.0658, 0.5337

Monochromacy



Original Color

12.6440, 0.3267, 1.7182

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 12.6440, 0.3267, 1.7182 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(38, 33, 31)` looks like.

```
.text, #text, p{  
    color:rgb(38, 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(38, 33, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 33, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6440, 0.3267, 1.7182 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(38, 33, 31) }
```


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

```
.border{ border-color:rgb(38, 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(38, 33, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 33, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 33, 31);  
box-shadow:4px 4px 4px 4px rgb(38, 33, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6440, 0.3267, 1.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 33, 31) }
```

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

```
.background{ background-color: rgb(38, 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](#).

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