

Converting Colors

HunterLab(16.1250, -2.3119,
1.4089)

Have a look what the booklet for
HunterLab(16.1250, -2.3119, 1.4089)
contains.

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Color

**HunterLab(16.1240, -2.4505,
1.4885)**

Conversions

Conversions Part 1

Format	Color
Hex	292E2B
RGB	41, 46, 43
RGB Percent	16%, 18%, 17%
CMY	0.8392, 0.8196, 0.8314
CMYK	0.11, 0.00, 0.07, 0.82
HSL	144°, 6%, 17%
HSV	144°, 11%, 18%
XYZ	2.3275, 2.5998, 2.6647
YIQ	44.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

Format	Color
R_YB	41, 45, 46
Decimal	2698795
CIE Lab	18.36, -2.93, 1.18
CIE LCh	18, 3.156, 157.993
Yxy	2.5999, 0.3066, 0.3424
Android (android.graphics.Color)	4280888875 (0xFF292E2B)
YUV	44.1630, -0.5734, -2.7740
Hunter-Lab	16.1240, -2.4505, 1.4885

Details

The HunterLab color **16.1240, -2.4505, 1.4885** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.3253, 0.8361, 0.2387**, and the grayscale version is **15.9265, -0.8498, 0.8653**.

A 20% lighter version of the original color is **32.1517, -3.9322, 2.7175**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7837, -3.8071, 2.0375**, and if you desaturate by 10%, it is **16.4957, -1.0110, 0.9451**.

Distribution



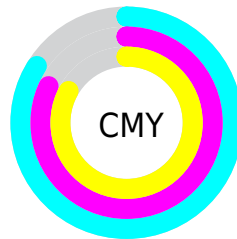
- Red (16%)
- Green (18%)
- Blue (17%)



- Red (16%)
- Yellow (18%)
- Blue (18%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (82%)



- Cyan (84%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1240, -2.4505, 1.4885 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 16.1240, -2.4505, 1.4885 by changing the saturation by 10% instead.

■ 16.1240, -2.4505,
1.4885

■ 16.1240, -2.4505,
1.4885

■ 111.0091, -8.9969,
7.2219

■ 9.6262, -1.8497,
1.0374

■ 32.0840, -3.7277,
2.5207

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.3318, -4.4033,
3.0939

0.0000, NaN, NaN

■ 51.3291, -5.1051,
3.7026

0.0000, NaN, NaN

■ 62.0232, -5.8329,
4.3449

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.3715, -6.5865,
5.0194

0.0000, NaN, NaN

■ 85.3382, -7.3653,

0.0000, NaN, NaN

5.7245

97.8929, -8.1690,
6.4590

16.1240, -2.4505,
1.4885

16.1240, -2.4505,
1.4885

15.7837, -3.8071,
2.0375

16.4957, -1.0110,
0.9451

15.4745, -5.0708,
2.5880

16.8969, 0.5030,
0.4095

15.1972, -6.2331,
3.1365

17.3269, 2.0823,
-0.1156

14.9520, -7.2862,
3.6786

17.7847, 3.7182,
-0.6282

14.7390, -8.2238,
4.2101

18.2690, 5.4027,
-1.1269

■ 14.5578, -9.0411,
4.7264

■ 18.7787, 7.1284,
-1.6105

■ 14.4066, -9.7394,
5.2221

■ 19.3127, 8.8887,
-2.0783

■ 14.2655, -10.3971,
5.6761

■ 19.8697, 10.6779,
-2.5299

■ 14.1389, -10.9882,
6.0480

■ 20.4486, 12.4908,
-2.9652

Harmonies

Analogous

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



16.1243, -1.9237, 2.1345



16.1240, -2.4505, 1.4885



16.1243, -2.5568, 0.6446

Triad

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



16.1243, -2.4508, 1.4887



16.1243, -0.6173, -0.8582



16.1243, 0.5403, 1.8686

Complementary

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



16.1240, -2.4505, 1.4885



15.3253, 0.8361, 0.2387

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.



16.1243, 0.9075, 1.1073



16.1240, -2.4505, 1.4885



16.1243, 0.2295, -0.4892

Square

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



16.1243, -2.4508, 1.4887



16.1243, -1.5113, -0.7422



16.1243, 0.7925, 0.2418



16.1243, -0.2006, 2.3452

Rectangle

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



16.1240, -2.4505, 1.4885



16.1243, -2.3766, 0.0771



16.1243, 0.7925, 0.2418



16.1243, 0.7123, 1.6392

Sweetspot

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



16.1243, -2.4508, 1.4887



20.6400, -1.6949, 1.3445



16.2835, -1.9722, 2.3608



11.4847, -0.9869, 0.7648



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



16.1243, -2.4508, 1.4887



20.1583, -3.5750, 2.0668



16.1809, -2.1359, 0.6811



9.0708, -1.1516, 0.7477



26.2437, -20.8794, 12.2701



69.9006, -56.5355, 34.6741

Inverse Universe

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



15.3253, 0.8361, 0.2387



18.8962, 1.6184, 0.0929



15.2676, 0.5256, 1.0613



8.7370, 0.2209, 0.2256



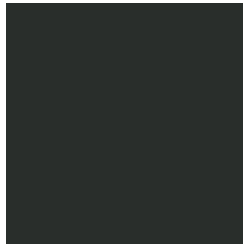
15.0332, 27.3955, -3.0814



39.8733, 72.2279, -4.8056

Previews

White Background



This preview shows how the HunterLab color 16.1240, -2.4505, 1.4885 looks on a white background.

Color Contrast Check

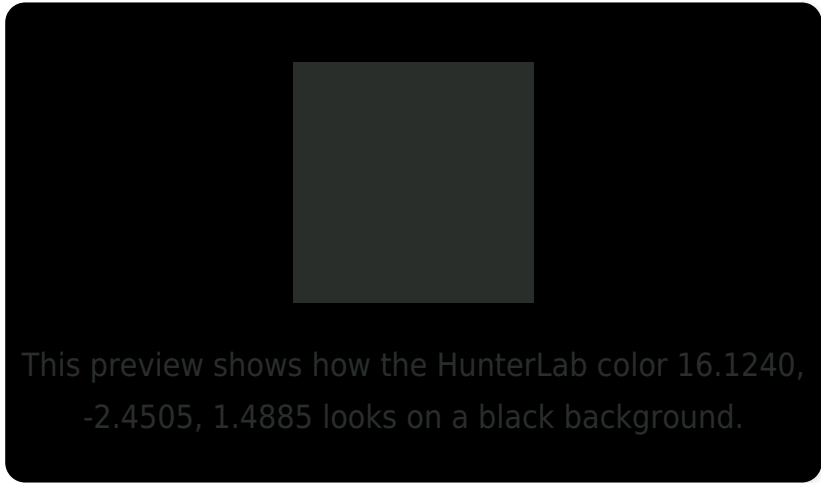
Large Text (above 18pt) WCAG AA ✓ Pass

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

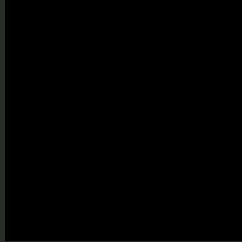
Any Text WCAG AA × Fail

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 16.1240, -2.4505, 1.4885 Background



This preview shows how black text looks on a background with the HunterLab color 16.1240, -2.4505, 1.4885.



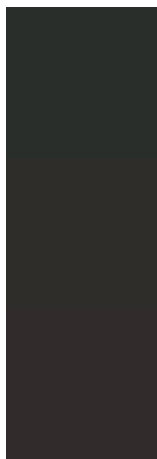
This preview shows how white text looks on a background with the HunterLab color 16.1240, -2.4505,

1.4885.

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

16.1240, -2.4505, 1.4885

Protanopia

16.2012, -0.9949, 1.9493

Deuteranopia

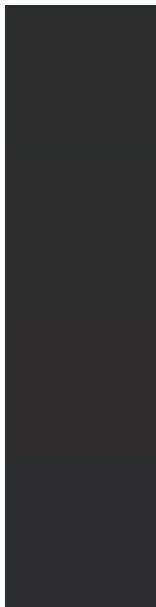
16.0080, 0.8117, 1.0527



Tritanopia

16.0958, -1.0242, -0.8032

Trichromacy



Original Color

16.1240, -2.4505, 1.4885

Protanomaly

16.0605, -1.4874, 1.7839

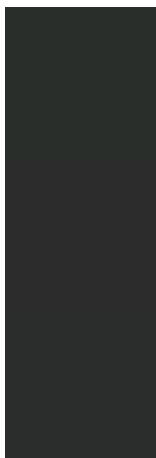
Deuteranomaly

16.0127, -0.3541, 1.0377

Tritanomaly

16.0445, -1.3067, -0.0744

Monochromacy



Original Color

16.1240, -2.4505, 1.4885

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.0381, -1.4748, 1.0478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1240, -2.4505, 1.4885 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(41, 46, 43)` looks like.

```
.text, #text, p{  
    color:rgb(41, 46, 43)  
}
```

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(41, 46, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 46, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1240, -2.4505, 1.4885 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(41, 46, 43) }
```


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

```
.border{ border-color:rgb(41, 46, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 46, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 46, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 46, 43);  
box-shadow:4px 4px 4px 4px rgb(41, 46, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1240, -2.4505, 1.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 46, 43) }
```

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

```
.background{ background-color: rgb(41, 46,  
43) }
```

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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