

Converting Colors

HunterLab(23.6201, -7.2434,
-0.2995)

Have a look what the booklet for
HunterLab(23.6201, -7.2434,
-0.2995) contains.

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Color

**HunterLab(23.5149, -7.1025,
-0.2443)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4746
RGB	46, 71, 70
RGB Percent	18%, 28%, 27%
CMY	0.8196, 0.7216, 0.7255
CMYK	0.35, 0.00, 0.01, 0.72
HSL	178°, 21%, 23%
HSV	178°, 35%, 28%
XYZ	4.4854, 5.5295, 6.6252
YIQ	63.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

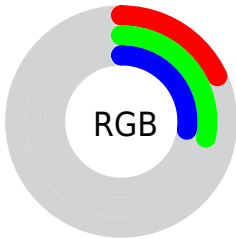
Format	Color
R_{YB}	46, 59, 71
Decimal	3032902
CIE _{Lab}	28.19, -9.80, -2.47
CIE _{LCh}	28, 10.107, 194.138
Yxy	5.5297, 0.2696, 0.3323
Android (android.graphics.Color)	4281222982 (0xFF2E4746)
YUV	63.4110, 3.2484, -15.2694
Hunter-Lab	23.5149, -7.1025, -0.2443

Details

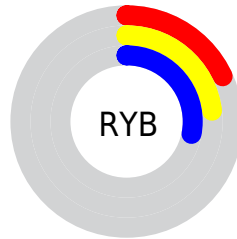
The HunterLab color **23.5149, -7.1025, -0.2443** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.7055, 6.2833, 3.1114**, and the grayscale version is **22.4309, -1.1969, 1.2187**.

A 20% lighter version of the original color is **41.0229, -9.2150, 0.3452**, and **9.5713, -5.0825, -0.6144** is the 20% darker color. If you saturate the color by 10%, you get **23.1834, -8.3653, -0.5598**, and if you desaturate by 10%, it is **23.9000, -5.6667, 0.1363**.

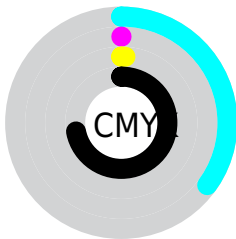
Distribution



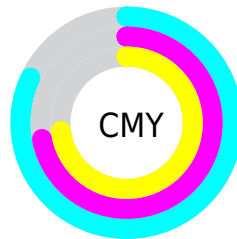
- Red (18%)
- Green (28%)
- Blue (27%)



- Red (18%)
- Yellow (23%)
- Blue (28%)



- Cyan (35%)
- Magenta (0%)
- Yellow (1%)
- Black (72%)



- Cyan (82%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5149, -7.1025, -0.2443 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 23.5149, -7.1025, -0.2443 by changing the saturation by 10% instead.

■ 23.5149, -7.1025,
-0.2443

■ 23.5149, -7.1025,
-0.2443

■ 124.4259,
-17.1959, 4.1739

■ 16.0041, -5.9194,
-0.4820

■ 41.1671, -9.3610,
0.4224

■ 9.5250, -4.9956,
-0.6392

■ 51.1520, -10.4692,
0.8352

0.0000, NaN, NaN

■ 61.8346, -11.5751,
1.2942

0.0000, NaN, NaN

■ 73.1720, -12.6835,
1.7957

0.0000, NaN, NaN

■ 85.1284, -13.7977,
2.3367

0.0000, NaN, NaN

■ 97.6732, -14.9201,

0.0000, NaN, NaN

0.0000, NaN, NaN

110.7801,
-16.0525, 3.5277

■ 23.5149, -7.1025,
-0.2443

■ 23.5149, -7.1025,
-0.2443

■ 23.1834, -8.3653,
-0.5598

■ 23.9000, -5.6667,
0.1363

■ 22.9033, -9.4482,
-0.8102

■ 24.3372, -4.0658,
0.5787

■ 22.6739, -10.3491,
-0.9950

■ 24.8268, -2.3109,
1.0802

■ 22.4932, -11.0695,
-1.1159

■ 25.3677, -0.4143,
1.6373

■ 22.3582, -11.6155,
-1.1756

■ 25.9588, 1.6109,
2.2457

■ 22.2476, -12.0688,
-1.2029

■ 26.5987, 3.7512,
2.9013

■ 22.1945, -12.2874,
-1.2163

■ 27.2857, 5.9936,
3.5997

■ 28.0179, 8.3253,
4.3367

■ 28.7934, 10.7345,
5.1081

Harmonies

Analogous

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



23.5154, -7.0583, 2.8720



23.5149, -7.1025, -0.2443



23.5154, -5.6422, -3.3276

Triad

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



23.5154, -7.1028, -0.2440



23.5154, 3.3320, -3.4813



23.5154, 0.5050, 6.3812

Complementary

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



23.5149, -7.1025, -0.2443



18.7055, 6.2833, 3.1114

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.



23.5154, 3.4773, 5.1104



23.5149, -7.1025, -0.2443



23.5154, 5.1699, -0.4317

Square

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



23.5154, -7.1028, -0.2440



23.5154, 0.3154, -5.3640



23.5154, 5.2245, 2.7083



23.5154, -2.7872, 6.4169

Rectangle

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



23.5149, -7.1025, -0.2443



23.5154, -3.9625, -4.8308



23.5154, 5.2245, 2.7083



23.5154, 1.5788, 6.0931

Sweetspot

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



23.5154, -7.1028, -0.2440



31.8785, -4.4459, 0.9905



23.0526, -9.9086, 7.3834



16.0952, -2.3036, 0.4844



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



23.5154, -7.1028, -0.2440



30.2089, -10.6331, -0.6687



20.5950, -2.5254, -4.5160



12.9519, -1.5348, 0.4749



31.3751, -17.4058, -1.6420



77.4375, -43.0991, -3.7515

Inverse Universe

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



18.7055, 6.2833, 3.1114



22.5994, 10.7043, 4.7004



21.1850, 1.4098, 5.8446



12.3106, 0.2290, 0.9144



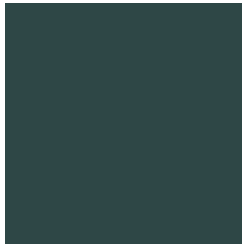
16.3914, 28.1241, 10.1791



40.4261, 69.2801, 25.7405

Previews

White Background



This preview shows how the HunterLab color 23.5149, -7.1025, -0.2443 looks on a white background.

Color Contrast Check

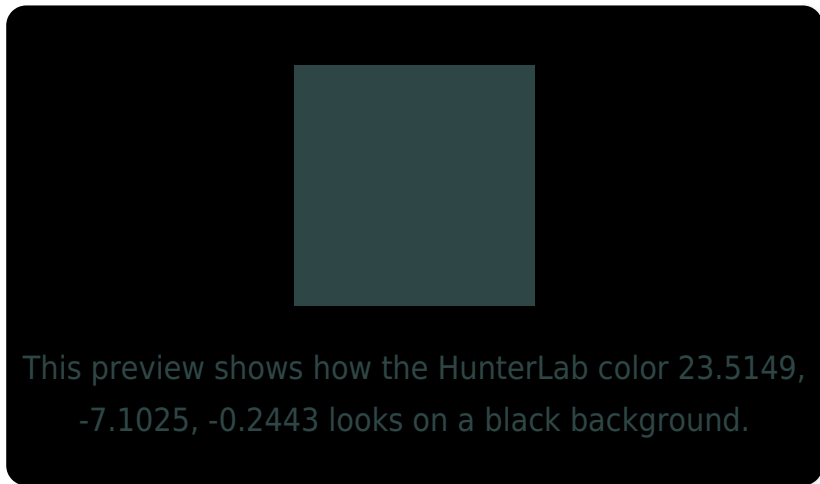
Large Text (above 18pt) WCAG AA ✓ Pass

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

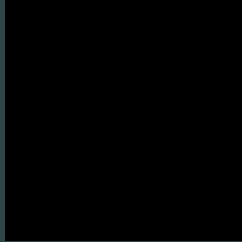
Any Text WCAG AA × Fail

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 23.5149, -7.1025, -0.2443 Background



This preview shows how black text looks on a background with the HunterLab color 23.5149, -7.1025, -0.2443.



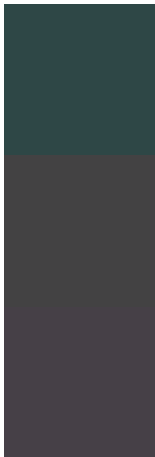
This preview shows how white text looks on a background with the HunterLab color 23.5149, -7.1025, -0.2443.

-0.2443.

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

23.5149, -7.1025, -0.2443

Protanopia

23.4413, -0.8464, 0.9986

Deuteranopia

23.2891, 1.3723, -0.8016



Tritanopia

23.4658, -5.5646, -2.9138

Trichromacy



Original Color

23.5149, -7.1025, -0.2443

Protanomaly

23.4124, -3.5055, 0.5159

Deuteranomaly

23.3695, -2.1792, -0.7620

Tritanomaly

23.4074, -5.8959, -2.0896

Monochromacy



Original Color

23.5149, -7.1025, -0.2443

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.7148, -3.4540, 0.4827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5149, -7.1025, -0.2443 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(46, 71, 70)` looks like.

```
.text, #text, p{  
    color:rgb(46, 71, 70)  
}
```

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(46, 71, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 71, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5149, -7.1025, -0.2443 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(46, 71, 70) }
```


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

```
.border{ border-color:rgb(46, 71, 70) }
```

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

Here you see how a box with a 4 pixel rgb(46, 71, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 71, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 71, 70);  
box-shadow:4px 4px 4px 4px rgb(46, 71, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5149, -7.1025, -0.2443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 71, 70) }
```

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

```
.background{ background-color: rgb(46, 71,  
70) }
```

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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