

Converting Colors

HunterLab(23.7890, -6.5598,
-0.4821)

Have a look what the booklet for
HunterLab(23.7890, -6.5598,
-0.4821) contains.

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Color

**HunterLab(23.6947, -6.3815,
-0.4277)**

Conversions

Conversions Part 1

Format	Color
Hex	314747
RGB	49, 71, 71
RGB Percent	19%, 28%, 28%
CMY	0.8078, 0.7216, 0.7216
CMYK	0.31, 0.00, 0.00, 0.72
HSL	180°, 18%, 24%
HSV	180°, 31%, 28%
XYZ	4.6572, 5.6144, 6.7995
YIQ	64.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

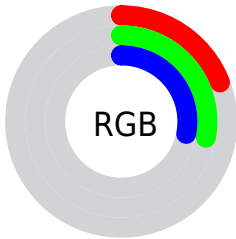
Format	Color
RYB	49, 60, 71
Decimal	3229511
CIELab	28.42, -8.49, -2.76
CIElCh	28, 8.932, 198.030
Yxy	5.6146, 0.2728, 0.3289
Android (android.graphics.Color)	4281419591 (0xFF314747)
YUV	64.4220, 3.2430, -13.5251
Hunter-Lab	23.6947, -6.3815, -0.4277

Details

The HunterLab color **23.6947, -6.3815, -0.4277** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.3859, 5.2206, 3.1493**, and the grayscale version is **22.7826, -1.2156, 1.2378**.

A 20% lighter version of the original color is **41.2460, -8.3451, 0.1817**, and **9.7294, -4.4143, -0.7769** is the 20% darker color. If you saturate the color by 10%, you get **23.3490, -7.6708, -0.8842**, and if you desaturate by 10%, it is **24.0942, -4.9208, 0.0910**.

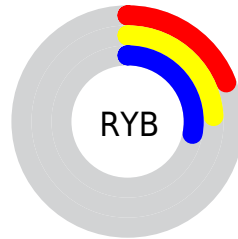
Distribution



 Red (19%)

 Green (28%)

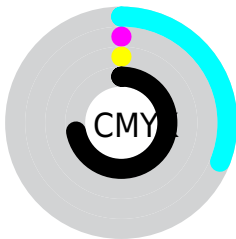
 Blue (28%)



 Red (19%)

 Yellow (24%)

 Blue (28%)

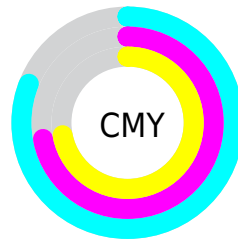


 Cyan (31%)

 Magenta (0%)

 Yellow (0%)

 Black (72%)



 Cyan (81%)

 Magenta (72%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6947, -6.3815, -0.4277 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 23.6947, -6.3815, -0.4277 by changing the saturation by 10% instead.

■ 23.6947, -6.3815,
-0.4277

■ 23.6947, -6.3815,
-0.4277

■ 124.7389,
-15.8336, 3.8735

■ 16.1623, -5.3082,
-0.6475

■ 41.3837, -8.4582,
0.2075

■ 9.6581, -4.3620,
-0.7850

■ 51.3848, -9.4877,
0.6062

0.0000, NaN, -NF

■ 62.0826, -10.5206,
1.0519

0.0000, NaN, NaN

■ 73.4343, -11.5607,
1.5407

0.0000, NaN, NaN

■ 85.4043, -12.6105,
2.0696

0.0000, NaN, NaN

■ 97.9620, -13.6719,

0.0000, NaN, NaN

111.0813,
-14.7459, 3.2380

■ 23.6947, -6.3815,
-0.4277

■ 23.6947, -6.3815,
-0.4277

■ 23.3490, -7.6708,
-0.8842

■ 24.0942, -4.9208,
0.0910

■ 23.0553, -8.7810,
-1.2774

■ 24.5459, -3.2972,
0.6677

■ 22.8129, -9.7089,
-1.6057

■ 25.0499, -1.5222,
1.2988

■ 22.6201, -10.4548,
-1.8695

■ 25.6050, 0.3917,
1.9802

■ 22.4745, -11.0231,
-2.0703

■ 26.2101, 2.4312,
2.7073

■ 22.3672, -11.4444,
-2.2192

■ 26.8636, 4.5829,
3.4756

■ 22.2746, -11.8095,
-2.3481

■ 27.5637, 6.8339,
4.2805

■ 28.3085, 9.1718,
5.1177

■ 29.0962, 11.5849,
5.9833

Harmonies

Analogous

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



23.6952, -6.5222, 2.3732



23.6947, -6.3815, -0.4277



23.6952, -4.9120, -3.0446

Triad

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



23.6952, -6.3818, -0.4273



23.6952, 3.0644, -2.5758



23.6952, -0.0874, 5.9510

Complementary

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



23.6947, -6.3815, -0.4277



19.3859, 5.2206, 3.1493

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.



23.6952, 2.6156, 4.9340



23.6947, -6.3815, -0.4277



23.6952, 4.4934, 0.1527

Square

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



23.6952, -6.3818, -0.4273



23.6952, 0.5012, -4.3848



23.6952, 4.3253, 2.8873



23.6952, -2.9820, 5.8356

Rectangle

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



23.6947, -6.3815, -0.4277



23.6952, -3.3340, -4.2299



23.6952, 4.3253, 2.8873



23.6952, 0.8763, 5.7358

Sweetspot

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



23.6952, -6.3818, -0.4273



32.0195, -3.9226, 0.9978



23.2176, -9.1698, 6.7255



16.1586, -2.0661, 0.4745



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.



23.6952, -6.3818, -0.4273



30.4687, -9.5687, -1.0061



20.9245, -2.1604, -4.0363



12.9552, -1.5163, 0.4274



31.4938, -16.6973, -3.3198



77.7519, -41.2225, -8.1956

Inverse Universe

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



19.3859, 5.2206, 3.1493



23.6183, 8.9865, 4.7170



21.8059, 0.7211, 5.5484



12.3074, 0.2118, 0.9597



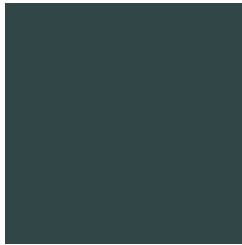
16.3648, 28.0253, 10.5741



40.4015, 69.1888, 26.1061

Previews

White Background



This preview shows how the HunterLab color 23.6947, -6.3815, -0.4277 looks on a white background.

Color Contrast Check

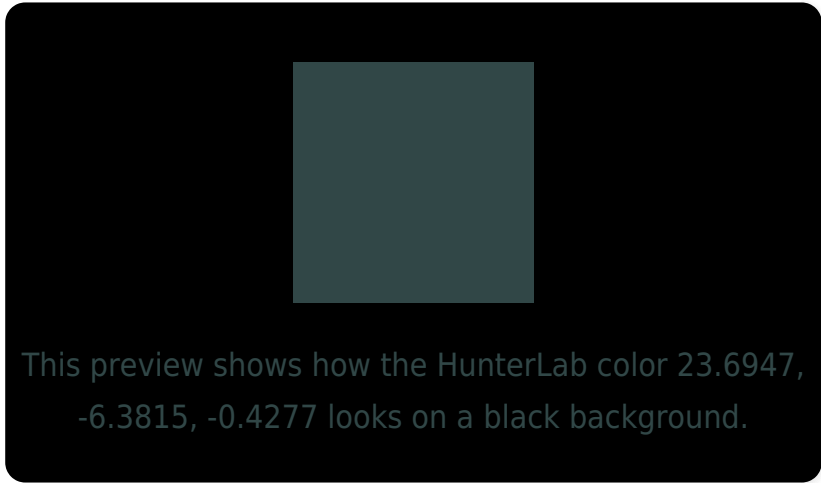
Large Text (above 18pt) WCAG AA ✓ Pass

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

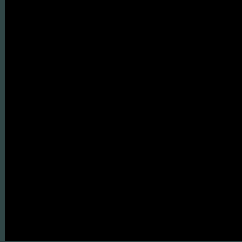
Any Text WCAG AA × Fail

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 23.6947, -6.3815, -0.4277 Background



This preview shows how black text looks on a background with the HunterLab color 23.6947, -6.3815, -0.4277.



This preview shows how white text looks on a background with the HunterLab color 23.6947, -6.3815, -0.4277.

-0.4277.

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

23.6947, -6.3815, -0.4277

Protanopia

23.5430, -0.4439, 0.7267

Deuteranopia

23.6391, 1.3594, -0.7870



Tritanopia

23.6225, -4.9929, -2.6927

Trichromacy



Original Color

23.6947, -6.3815, -0.4277

Protanomaly

23.5712, -2.8876, 0.3119

Deuteranomaly

23.5350, -1.5441, -0.9700

Tritanomaly

23.5645, -5.3205, -1.8734

Monochromacy



Original Color

23.6947, -6.3815, -0.4277

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.1287, -3.2458, 0.5824

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6947, -6.3815, -0.4277 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(49, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(49, 71, 71)  
}
```

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(49, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 71, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6947, -6.3815, -0.4277 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(49, 71, 71) }
```


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

```
.border{ border-color:rgb(49, 71, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 71, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(49, 71, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6947, -6.3815, -0.4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 71, 71) }
```

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

```
.background{ background-color: rgb(49, 71,  
71) }
```

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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