

Converting Colors

HunterLab(23.8288, -5.9414,
-0.4270)

Have a look what the booklet for
HunterLab(23.8288, -5.9414,
-0.4270) contains.

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Color

**HunterLab(23.8017, -5.9870,
-0.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	334747
RGB	51, 71, 71
RGB Percent	20%, 28%, 28%
CMY	0.8000, 0.7216, 0.7216
CMYK	0.28, 0.00, 0.00, 0.72
HSL	180°, 16%, 24%
HSV	180°, 28%, 28%
XYZ	4.7558, 5.6652, 6.8041
YIQ	65.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

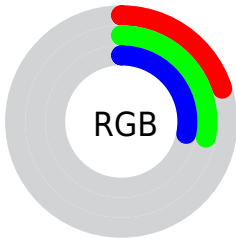
Format	Color
R_{YB}	51, 61, 71
Decimal	3360583
CIE Lab	28.55, -7.79, -2.55
CIE LCh	29, 8.195, 198.145
Yxy	5.6654, 0.2761, 0.3289
Android (android.graphics.Color)	4281550663 (0xFF334747)
YUV	65.0200, 2.9481, -12.2955
Hunter-Lab	23.8017, -5.9870, -0.2877

Details

The HunterLab color **23.8017, -5.9870, -0.2877** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.8656, 4.5920, 2.9733**, and the grayscale version is **22.9919, -1.2268, 1.2492**.

A 20% lighter version of the original color is **41.3790, -7.8636, 0.3527**, and **9.8284, -4.0326, -0.6418** is the 20% darker color. If you saturate the color by 10%, you get **23.4412, -7.3256, -0.7618**, and if you desaturate by 10%, it is **24.2161, -4.4795, 0.2477**.

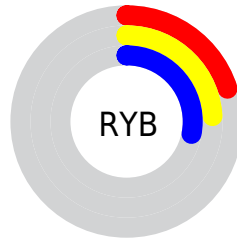
Distribution



 Red (20%)

 Green (28%)

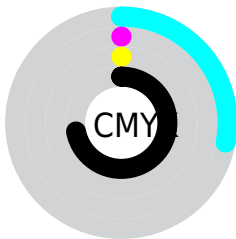
 Blue (28%)



 Red (20%)

 Yellow (24%)

 Blue (28%)

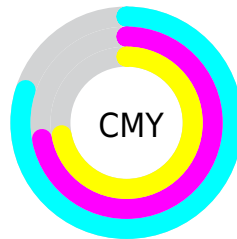


 Cyan (28%)

 Magenta (0%)

 Yellow (0%)

 Black (72%)



 Cyan (80%)

 Magenta (72%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8017, -5.9870, -0.2877 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 23.8017, -5.9870, -0.2877 by changing the saturation by 10% instead.

■ 23.8017, -5.9870,
-0.2877

■ 23.8017, -5.9870,
-0.2877

■ 124.9250,
-15.0955, 4.1091

■ 16.2565, -4.9722,
-0.5224

■ 41.5126, -7.9665,
0.3736

■ 9.7375, -4.0294,
-0.6768

■ 51.5233, -8.9540,
0.7838

0.0000, NaN, -NF

■ 62.2301, -9.9478,
1.2404

0.0000, NaN, NaN

■ 73.5903, -10.9513,
1.7395

0.0000, NaN, NaN

■ 85.5683, -11.9665,
2.2782

0.0000, NaN, NaN

■ 98.1337, -12.9951,

0.0000, NaN, NaN

0.0000, NaN, NaN

111.2603,
-14.0378, 3.4649

■ 23.8017, -5.9870,
-0.2877

■ 23.8017, -5.9870,
-0.2877

■ 23.4412, -7.3256,
-0.7618

■ 24.2161, -4.4795,
0.2477

■ 23.1327, -8.4867,
-1.1730

■ 24.6826, -2.8120,
0.8401

■ 22.8760, -9.4661,
-1.5196

■ 25.2011, -0.9965,
1.4859

■ 22.6695, -10.2630,
-1.8014

■ 25.7705, 0.9541,
2.1806

■ 22.5109, -10.8806,
-2.0197

■ 26.3893, 3.0265,
2.9197

■ 22.3959, -11.3311,
-2.1788

■ 27.0561, 5.2075,
3.6987

■ 22.2934, -11.7352,
-2.3215

■ 27.7690, 7.4842,
4.5131

■ 22.2746, -11.8096,
-2.3477

■ 28.5261, 9.8444,
5.3587

■ 29.3255, 12.2768,
6.2315

Harmonies

Analogous

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



23.8022, -6.1223, 2.2839



23.8017, -5.9870, -0.2877



23.8022, -4.6234, -2.6661

Triad

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



23.8022, -5.9873, -0.2873



23.8022, 2.7029, -2.2248



23.8022, -0.2000, 5.6235

Complementary

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



23.8017, -5.9870, -0.2877



19.8656, 4.5920, 2.9733

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.



23.8022, 2.2772, 4.6752



23.8017, -5.9870, -0.2877



23.8022, 4.0023, 0.2631

Square

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



23.8022, -5.9873, -0.2873



23.8022, 0.3602, -3.8673



23.8022, 3.8431, 2.7768



23.8022, -2.8600, 5.5110

Rectangle

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



23.8017, -5.9870, -0.2877



23.8022, -3.1653, -3.7355



23.8022, 3.8431, 2.7768



23.8022, 0.6838, 5.4229

Sweetspot

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



23.8022, -5.9873, -0.2873



32.0855, -3.6884, 1.0810



23.3628, -8.5430, 6.2979



16.1879, -1.9624, 0.5114



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.



23.8022, -5.9873, -0.2873



30.6071, -9.0527, -0.8230



21.2887, -2.1290, -3.5222



12.9552, -1.5164, 0.4274



31.4938, -16.6975, -3.3193



77.7518, -41.2230, -8.1943

Inverse Universe

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



19.8656, 4.5920, 2.9733



24.2718, 8.0610, 4.4539



22.0926, 0.5023, 5.2165



12.3074, 0.2118, 0.9597



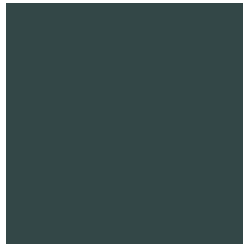
16.3648, 28.0254, 10.5740



40.4015, 69.1888, 26.1060

Previews

White Background



This preview shows how the HunterLab color 23.8017, -5.9870, -0.2877 looks on a white background.

Color Contrast Check

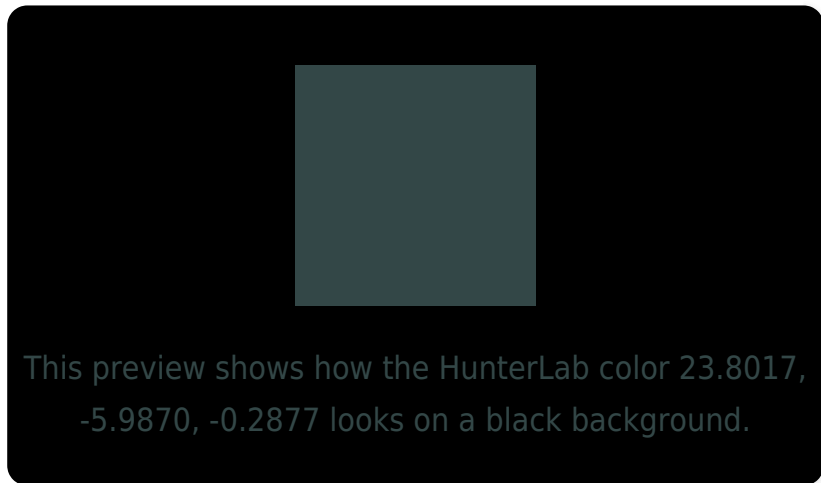
Large Text (above 18pt) WCAG AA ✓ Pass

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

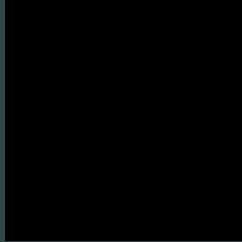
Any Text WCAG AA × Fail

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 23.8017, -5.9870, -0.2877 Background



This preview shows how black text looks on a background with the HunterLab color 23.8017, -5.9870, -0.2877.



This preview shows how white text looks on a background with the HunterLab color 23.8017, -5.9870, -0.2877.

-0.2877.

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

23.8017, -5.9870, -0.2877

Protanopia

23.8179, -0.7229, 0.6485

Deuteranopia

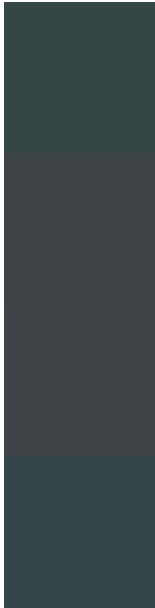
23.6391, 1.3594, -0.7870



Tritanopia

23.7322, -4.5949, -2.5388

Trichromacy



Original Color

23.8017, -5.9870, -0.2877

Protanomaly

23.6655, -2.5007, 0.0220

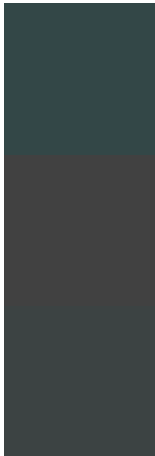
Deuteranomaly

23.6055, -1.2985, -0.8762

Tritanomaly

23.6744, -4.9200, -1.7229

Monochromacy



Original Color

23.8017, -5.9870, -0.2877

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.1953, -3.0087, 0.6667

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8017, -5.9870, -0.2877 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(51, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 71, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8017, -5.9870, -0.2877 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(51, 71, 71) }
```


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

```
.border{ border-color:rgb(51, 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(51, 71, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(51, 71, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.8017, -5.9870, -0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 71, 71) }
```

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

```
.background{ background-color: rgb(51, 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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