

Converting Colors

HunterLab(23.3610, -3.9132,
-5.2863)

Have a look what the booklet for
HunterLab(23.3610, -3.9132,
-5.2863) contains.

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Color

**HunterLab(23.4591, -3.9220,
-5.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	314551
RGB	49, 69, 81
RGB Percent	19%, 27%, 32%
CMY	0.8078, 0.7294, 0.6824
CMYK	0.40, 0.15, 0.00, 0.68
HSL	202°, 25%, 25%
HSV	202°, 40%, 32%
XYZ	4.8799, 5.5033, 8.5896
YIQ	64.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

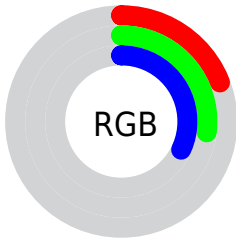
Format	Color
R_{YB}	49, 61, 81
Decimal	3229009
CIE Lab	28.12, -4.35, -9.70
CIE LCh	28, 10.632, 245.848
Yxy	5.5035, 0.2572, 0.2901
Android (android.graphics.Color)	4281419089 (0xFF314551)
YUV	64.3880, 8.1897, -13.4953
Hunter-Lab	23.4591, -3.9220, -5.2879

Details

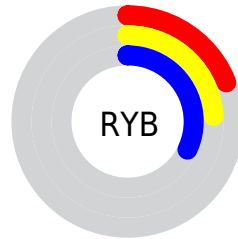
The HunterLab color **23.4591, -3.9220, -5.2879** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23.0405, 3.1919, 6.7757**, and the grayscale version is **22.7547, -1.2141, 1.2363**.

A 20% lighter version of the original color is **41.0800, -5.3205, -5.2606**, and **9.4444, -2.5814, -4.7036** is the 20% darker color. If you saturate the color by 10%, you get **22.2614, -4.1430, -7.0885**, and if you desaturate by 10%, it is **24.7117, -3.5301, -3.5122**.

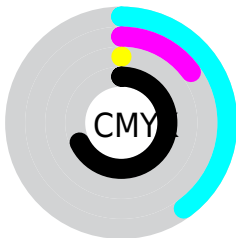
Distribution



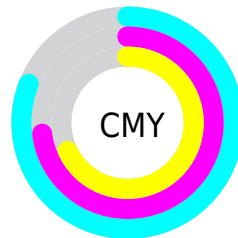
- Red (19%)
- Green (27%)
- Blue (32%)



- Red (19%)
- Yellow (24%)
- Blue (32%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (68%)



- Cyan (81%)
- Magenta (73%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4591, -3.9220, -5.2879 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 23.4591, -3.9220, -5.2879 by changing the saturation by 10% instead.

■ 23.4591, -3.9220,
-5.2879

■ 23.4591, -3.9220,
-5.2879

■ 124.3286,
-11.3666, -3.7641

■ 15.9550, -3.1837,
-5.1134

■ 41.0998, -5.4362,
-5.3786

■ 9.4837, -2.5066,
-4.8450

■ 51.0797, -6.2202,
-5.3140

0.0000, NaN, -NF

■ 61.7575, -7.0247,
-5.1858

0.0000, NaN, NaN

■ 73.0905, -7.8503,
-5.0000

0.0000, NaN, NaN

■ 85.0427, -8.6973,
-4.7613

0.0000, NaN, NaN

■ 97.5835, -9.5658,

0.0000, NaN, NaN

0.0000, NaN, NaN

-4.4736

0.0000, NaN, NaN

110.6865,
-10.4556, -4.1403

■ 23.4591, -3.9220,
-5.2879

■ 23.4591, -3.9220,
-5.2879

■ 22.2614, -4.1430,
-7.0885

■ 24.7117, -3.5301,
-3.5122

■ 21.1212, -4.1754,
-8.9110

■ 26.0140, -2.9834,
-1.7651

■ 20.0428, -4.0031,
-10.7483

■ 27.3629, -2.2978,
-0.0472

■ 19.0296, -3.6124,
-12.5919

■ 28.7550, -1.4878,
1.6414

■ 18.0833, -2.9983,
-14.4335

■ 30.1873, -0.5663,
3.3017

■ 17.1607, -2.3176,
-16.3622

■ 31.6570, 0.4550,
4.9350

■ 17.1151, -2.2842,
-16.4614

■ 33.1614, 1.5659,
6.5429

■ 34.6983, 2.7572,
8.1273

■ 36.2657, 4.0212,
9.6901

Harmonies

Analogous

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



23.4596, -6.4223, -2.7545



23.4591, -3.9220, -5.2879



23.4596, -0.5690, -5.9589

Triad

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



23.4596, -3.9222, -5.2875



23.4596, 5.7636, 1.9148



23.4596, -5.0357, 5.8630

Complementary

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



23.4591, -3.9220, -5.2879



23.0405, 3.1919, 6.7757

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.



23.4596, -1.9293, 6.7563



23.4591, -3.9220, -5.2879



23.4596, 4.4066, 4.6997

Square

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



23.4596, -3.9222, -5.2875



23.4596, 5.1539, -1.4726



23.4596, 1.5412, 6.3636



23.4596, -7.0385, 3.7294

Rectangle

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



23.4591, -3.9220, -5.2879



23.4596, 1.7288, -5.1866



23.4596, 1.5412, 6.3636



23.4596, -4.0930, 6.3030

Sweetspot

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



23.4596, -3.9222, -5.2875



35.1723, -3.2746, -0.7091



26.2145, -11.5276, 6.0509



17.8580, -1.6961, -0.4297



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



23.4596, -3.9222, -5.2875



29.1719, -5.3878, -9.0356



19.5391, 2.6889, -11.5351



14.1975, -1.1574, 0.0437



21.9798, -2.4318, -22.2232



51.0791, -3.0603, -57.2382

Inverse Universe

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



20.9183, 10.8884, -2.8783



25.3409, 17.9468, -4.7312



26.9104, -3.4269, 10.1198



13.8614, 0.5973, 0.2408



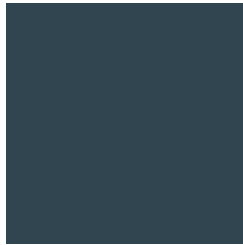
18.3351, 33.5028, -4.4576



43.8288, 79.7249, -7.8547

Previews

White Background



This preview shows how the HunterLab color 23.4591, -3.9220, -5.2879 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



This preview shows how the HunterLab color 23.4591, -3.9220, -5.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

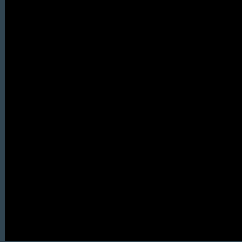
Any Text WCAG AA × Fail

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 23.4591, -3.9220, -5.2879 Background



This preview shows how black text looks on a background with the HunterLab color 23.4591, -3.9220, -5.2879.



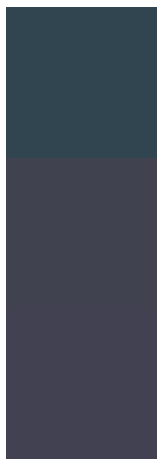
This preview shows how white text looks on a background with the HunterLab color 23.4591, -3.9220, -5.2879.

-5.2879.

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

23.4591, -3.9220, -5.2879

Protanopia

23.5604, 0.2406, -4.0929

Deuteranopia

23.4811, 1.4274, -5.6624



Tritanopia

23.5170, -5.3774, -2.8414

Trichromacy



Original Color

23.4591, -3.9220, -5.2879

Protanomaly

23.5017, -1.1867, -4.6857

Deuteranomaly

23.3140, -0.4136, -5.9420

Tritanomaly

23.5770, -5.0387, -3.6857

Monochromacy



Original Color

23.4591, -3.9220, -5.2879

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.9531, -2.3936, -0.8657

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4591, -3.9220, -5.2879 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, 69, 81)` looks like.

```
.text, #text, p{  
    color:rgb(49, 69, 81)  
}
```

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, 69, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 69, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4591, -3.9220, -5.2879 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, 69, 81) }
```


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

```
.border{ border-color:rgb(49, 69, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 69, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 69, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 69, 81);  
box-shadow:4px 4px 4px 4px rgb(49, 69, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4591, -3.9220, -5.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 69, 81) }
```

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

```
.background{ background-color: rgb(49, 69,  
81) }
```

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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