

Converting Colors

HunterLab(23.4676, -6.0945,
-12.9917)

Have a look what the booklet for
HunterLab(23.4676, -6.0945,
-12.9917) contains.

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Color

**HunterLab(23.3905, -5.9258,
-13.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	13475F
RGB	19, 71, 95
RGB Percent	7%, 28%, 37%
CMY	0.9255, 0.7216, 0.6274
CMYK	0.80, 0.25, 0.00, 0.63
HSL	199°, 67%, 22%
HSV	199°, 80%, 37%
XYZ	4.5874, 5.4712, 11.6407
YIQ	58.1880, -38.6960, -3.5600

Conversions

Conversions Part 2

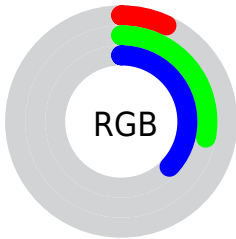
Format	Color
R_{YB}	19, 50, 95
Decimal	1263455
CIE _{Lab}	28.04, -7.77, -19.00
CIE _{LCh}	28, 20.524, 247.756
Yxy	5.4713, 0.2114, 0.2521
Android (android.graphics.Color)	4279453535 (0xFF13475F)
YUV	58.1880, 18.1483, -34.3679
Hunter-Lab	23.3905, -5.9258, -13.1335

Details

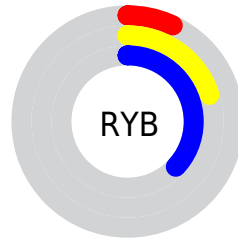
The HunterLab color **23.3905, -5.9258, -13.1335** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20.5136, 13.7088, 11.0990**, and the grayscale version is **20.5843, -1.0983, 1.1184**.

A 20% lighter version of the original color is **40.9449, -7.6262, -14.2818**, and **10.2580, -1.0788, -10.4928** is the 20% darker color. If you saturate the color by 10%, you get **22.4096, -5.3504, -14.9293**, and if you desaturate by 10%, it is **24.4500, -6.2312, -11.2971**.

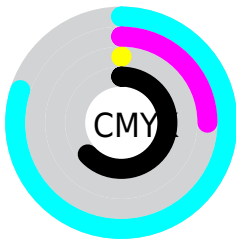
Distribution



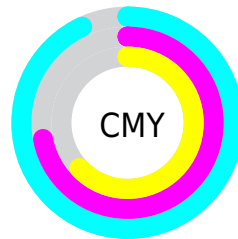
- Red (7%)
- Green (28%)
- Blue (37%)



- Red (7%)
- Yellow (20%)
- Blue (37%)



- Cyan (80%)
- Magenta (25%)
- Yellow (0%)
- Black (63%)



- Cyan (93%)
- Magenta (72%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3905, -5.9258, -13.1335 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 23.3905, -5.9258, -13.1335 by changing the saturation by 10% instead.

■ 23.3905, -5.9258,
-13.1335

■ 23.3905, -5.9258,
-13.1335

■ 124.2088,
-15.0220, -14.6826

■ 15.8946, -4.9103,
-12.6728

■ 41.0171, -7.9033,
-13.9213

■ 9.4329, -4.0929,
-12.2849

■ 50.9907, -8.8894,
-14.2160

0.0000, NaN, -NF

■ 61.6627, -9.8819,
-14.4431

0.0000, NaN, NaN

■ 72.9902, -10.8839,
-14.6057

0.0000, NaN, NaN

■ 84.9372, -11.8976,
-14.7076

0.0000, NaN, NaN

■ 97.4731, -12.9246,

0.0000, NaN, NaN

0.0000, NaN, NaN

-14.7521

0.0000, NaN, NaN

110.5713,
-13.9658, -14.7428

23.3905, -5.9258,
-13.1335

23.3905, -5.9258,
-13.1335

22.4096, -5.3504,
-14.9293

24.4500, -6.2312,
-11.2971

21.4638, -4.6623,
-16.7623

25.5858, -6.2712,
-9.4324

21.4632, -4.6619,
-16.7634

26.7959, -6.0574,
-7.5500

28.0767, -5.6062,
-5.6601

29.4245, -4.9363,
-3.7707

■ 30.8352, -4.0669,
-1.8882

■ 32.3047, -3.0169,
-0.0172

■ 33.8294, -1.8042,
1.8391

■ 35.4055, -0.4454,
3.6787

Harmonies

Analogous

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



23.3909, -10.5816, -7.5340



23.3905, -5.9258, -13.1335



23.3909, 0.5133, -14.4001

Triad

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



23.3909, -5.9257, -13.1330



23.3909, 12.9209, 2.8662



23.3909, -8.6209, 9.0331

Complementary

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



23.3905, -5.9258, -13.1335



20.5136, 13.7088, 11.0990

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.



23.3909, -2.9612, 10.4470



23.3905, -5.9258, -13.1335



23.3909, 9.8230, 7.5985

Square

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



23.3909, -5.9257, -13.1330



23.3909, 11.8975, -3.8529



23.3909, 3.8259, 10.0081



23.3909, -12.0114, 5.4507

Rectangle

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



23.3905, -5.9258, -13.1335



23.3909, 5.0524, -12.3621



23.3909, 3.8259, 10.0081



23.3909, -6.9473, 9.7242

Sweetspot

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



23.3909, -5.9257, -13.1330



39.4730, -5.8900, -3.6317



29.1355, -21.7308, 13.1525



19.1096, -3.0124, -2.0631



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



23.3909, -5.9257, -13.1330



28.2661, -6.0785, -21.5833



14.5620, 10.2133, -34.9291



16.6449, -1.4825, 0.0957



25.3958, -5.2691, -20.3681



57.2931, -10.0382, -49.9418

Inverse Universe

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



18.3134, 27.3076, -7.5375



22.2118, 39.7823, -8.7201



28.6151, -2.0997, 16.3187



16.1742, 0.8059, 0.1533



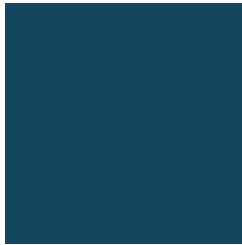
19.9760, 36.8753, -7.7566



45.9926, 84.5915, -15.4561

Previews

White Background



This preview shows how the HunterLab color 23.3905, -5.9258, -13.1335 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 23.3905, -5.9258, -13.1335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

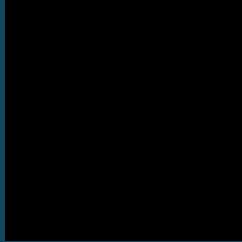
Any Text WCAG AA × Fail

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 23.3905, -5.9258, -13.1335 Background



This preview shows how black text looks on a background with the HunterLab color 23.3905, -5.9258, -13.1335.



This preview shows how white text looks on a background with the HunterLab color 23.3905, -5.9258, -13.1335.

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

23.3905, -5.9258, -13.1335

Protanopia

23.3422, 1.5114, -10.1596

Deuteranopia

23.5058, 1.2451, -13.4073



Tritanopia

23.3711, -11.4176, -4.5645

Trichromacy



Original Color

23.3905, -5.9258, -13.1335

Protanomaly

23.0705, -1.8608, -11.8379

Deuteranomaly

23.3456, -1.9148, -13.7528

Tritanomaly

23.3798, -9.5366, -7.5553

Monochromacy



Original Color

23.3905, -5.9258, -13.1335

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.3200, -4.2092, -3.5144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3905, -5.9258, -13.1335 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(19, 71, 95)` looks like.

```
.text, #text, p{  
    color:rgb(19, 71, 95)  
}
```

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(19, 71, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 71, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3905, -5.9258, -13.1335 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(19, 71, 95) }
```


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

```
.border{ border-color:rgb(19, 71, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 71, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 71, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 71, 95);  
box-shadow:4px 4px 4px 4px rgb(19, 71, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.3905, -5.9258, -13.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 71, 95) }
```

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

```
.background{ background-color: rgb(19, 71,  
95) }
```

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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