

Converting Colors

HunterLab(13.4473, 19.6054,
5.6311)

Have a look what the booklet for
HunterLab(13.4473, 19.6054,
5.6311) contains.

HunterLab(13.5043, 19.7823, 5.7619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(13.5043, 19.7823,
5.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	4D0914
RGB	77, 9, 20
RGB Percent	30%, 4%, 8%
CMY	0.6980, 0.9647, 0.9216
CMYK	0.00, 0.88, 0.74, 0.70
HSL	350°, 79%, 17%
HSV	350°, 88%, 30%
XYZ	3.2845, 1.8237, 0.8407
YIQ	30.5860, 36.9970, 17.8370

Conversions

Conversions Part 2

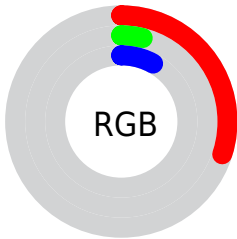
Format	Color
R_{YB}	77, 9, 20
Decimal	5048596
CIE Lab	14.53, 31.25, 13.03
CIE LCh	15, 33.858, 22.639
Yxy	1.8238, 0.5521, 0.3066
Android (android.graphics.Color)	4283238676 (0xFF4D0914)
YUV	30.5860, -5.2189, 40.7051
Hunter-Lab	13.5043, 19.7823, 5.7619

Details

The HunterLab color **13.5043, 19.7823, 5.7619** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.9984, -14.1040, 1.8049**, and the grayscale version is **11.5850, -0.6181, 0.6294**.

A 20% lighter version of the original color is **28.8115, 22.6461, 8.7714**, and **3.5861, 6.1412, 2.3172** is the 20% darker color. If you saturate the color by 10%, you get **12.7930, 21.5773, 6.4093**, and if you desaturate by 10%, it is **14.3046, 17.9932, 4.9674**.

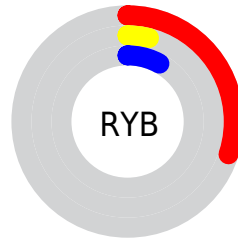
Distribution



Red (30%)

Green (4%)

Blue (8%)



Red (30%)

Yellow (4%)

Blue (8%)

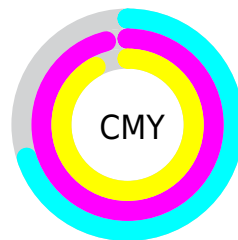


Cyan (0%)

Magenta (88%)

Yellow (74%)

Black (70%)



Cyan (70%)

Magenta (96%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.5043, 19.7823, 5.7619 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 13.5043, 19.7823, 5.7619 by changing the saturation by 10% instead.

■ 13.5043, 19.7823,
5.7619

■ 13.5043, 19.7823,
5.7619

■ 105.9196, 28.7583,
17.8402

■ 7.0847, 20.5062,
4.9593

■ 28.7532, 22.6162,
8.7111

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.6973, 23.8280,
10.0777

0.0000, NaN, NaN

■ 47.4143, 24.9095,
11.4050

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.8470, 25.8731,
12.7082

0.0000, NaN, NaN


■ 68.9492, 26.7304,
13.9974


0.0000, NaN, NaN


■ 80.6829, 27.4915,


0.0000, NaN, NaN


15.2795


 93.0156, 28.1650,
16.5593


 13.5043, 19.7823,
5.7619


 13.5043, 19.7823,
5.7619


 12.7930, 21.5773,
6.4093


 14.3046, 17.9932,
4.9674

 12.6706, 21.9170,
6.4951

 15.3531, 15.7873,
4.2059

 16.6295, 13.3210,
3.5231

 18.1055, 10.7320,
2.9410

 19.7531, 8.1155,
2.4647

■ 21.5468, 5.5281,
2.0892

■ 23.4651, 2.9984,
1.8044

■ 25.4900, 0.5374,
1.5988

■ 27.6070, -1.8544,
1.4611

Harmonies

Analogous

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



13.5047, 21.6708, -1.6025



13.5043, 19.7823, 5.7619



13.5047, 11.7716, 9.4533

Triad

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



13.5047, 19.7808, 5.7622



13.5047, -12.0982, 8.0684



13.5047, -2.9130, -28.8509

Complementary

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



13.5043, 19.7823, 5.7619



23.9984, -14.1040, 1.8049

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.



13.5047, -9.8639, -20.6342



13.5043, 19.7823, 5.7619



13.5047, -14.2544, 2.7175

Square

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



13.5047, 19.7808, 5.7622



13.5047, -6.8761, 9.4533



13.5047, -13.5027, -7.4751



13.5047, 6.7816, -25.8291

Rectangle

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



13.5043, 19.7823, 5.7619



13.5047, 4.9705, 9.4533



13.5047, -13.5027, -7.4751



13.5047, -5.6030, -27.1917

Sweetspot

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



13.5047, 19.7808, 5.7622



28.4047, 6.7465, 2.6645



13.7042, 23.7124, -21.5168



14.3366, 3.7671, 1.4050



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



13.5047, 19.7808, 5.7622



16.4794, 28.4500, 8.8775



16.1643, 11.6605, 9.2160



13.0650, 0.3193, 0.8248



16.9224, 29.2101, 9.1528



41.0788, 70.6755, 24.0105

Inverse Universe

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



13.5047, 19.7808, 5.7622



16.4794, 28.4500, 8.8775



18.0653, -4.0756, -11.9828



13.0650, 0.3193, 0.8248



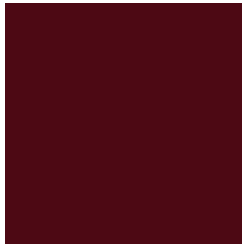
16.9224, 29.2101, 9.1528



41.0788, 70.6755, 24.0105

Previews

White Background



This preview shows how the HunterLab color 13.5043, 19.7823, 5.7619 looks on a white background.

Color Contrast Check

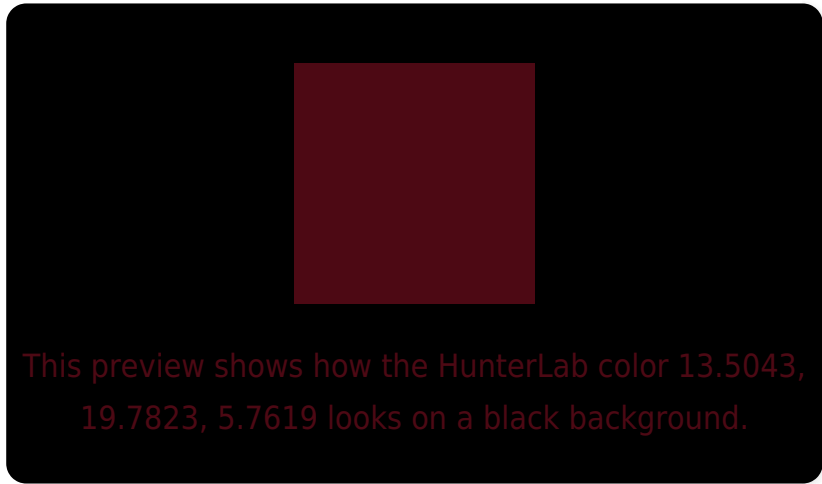
Large Text (above 18pt) WCAG AA ✓ Pass

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

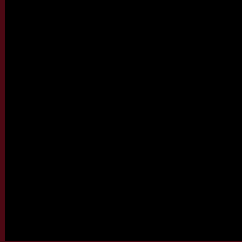
Any Text WCAG AA × Fail

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 13.5043, 19.7823, 5.7619 Background



This preview shows how black text looks on a background with the HunterLab color 13.5043, 19.7823, 5.7619.



This preview shows how white text looks on a background with the HunterLab color 13.5043, 19.7823,

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

13.5043, 19.7823, 5.7619

Protanopia

14.4863, -1.5030, 4.1426

Deuteranopia

14.4104, 0.2152, 6.8665



Tritanopia

13.5611, 18.8495, 7.4308

Trichromacy



Original Color

13.5043, 19.7823, 5.7619

Protanomaly

13.2873, 6.3199, 3.9375

Deuteranomaly

13.2444, 7.7764, 5.9233

Tritanomaly

13.5151, 19.2515, 6.8423

Monochromacy



Original Color

13.5043, 19.7823, 5.7619

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.4904, 6.6603, 1.8466

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.5043, 19.7823, 5.7619 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(77, 9, 20)` looks like.

```
.text, #text, p{  
    color:rgb(77, 9, 20)  
}
```

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(77, 9, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 9, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 13.5043, 19.7823, 5.7619 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(77, 9, 20) }
```


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

```
.border{ border-color:rgb(77, 9, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 9, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 9, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 9, 20); box-shadow:4px  
4px 4px 4px rgb(77, 9, 20) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.5043, 19.7823, 5.7619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 9, 20) }
```

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

```
.background{ background-color: rgb(77, 9,  
20) }
```

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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