

Converting Colors

HunterLab(18.1202, 1.0801,
-2.5741)

Have a look what the booklet for
HunterLab(18.1202, 1.0801, -2.5741)
contains.

HunterLab(18.0068, 1.2394, -2.5065)	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(18.0068, 1.2394,
-2.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	34313B
RGB	52, 49, 59
RGB Percent	20%, 19%, 23%
CMY	0.7961, 0.8078, 0.7686
CMYK	0.12, 0.17, 0.00, 0.77
HSL	258°, 9%, 21%
HSV	258°, 17%, 23%
XYZ	3.3039, 3.2424, 4.5894
YIQ	51.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

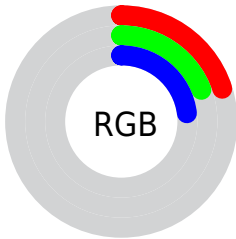
Format	Color
R_{YB}	52, 49, 59
Decimal	3420475
CIE Lab	20.99, 3.74, -5.83
CIE LCh	21, 6.924, 302.695
Yxy	3.2426, 0.2967, 0.2912
Android (android.graphics.Color)	4281610555 (0xFF34313B)
YUV	51.0370, 3.9258, 0.8446
Hunter-Lab	18.0068, 1.2394, -2.5065

Details

The HunterLab color **18.0068, 1.2394, -2.5065** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.4708, -3.1305, 4.1428**, and the grayscale version is **18.1950, -0.9708, 0.9886**.

A 20% lighter version of the original color is **34.3827, 0.7311, -2.3143**, and **3.2764, 5.1434, -7.4875** is the 20% darker color. If you saturate the color by 10%, you get **16.3589, 2.6859, -4.8692**, and if you desaturate by 10%, it is **19.7061, -0.1633, -0.3093**.

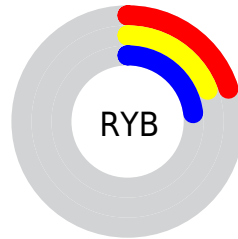
Distribution



Red (20%)

Green (19%)

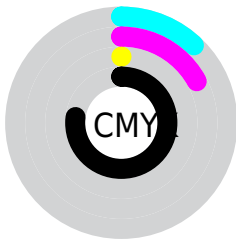
Blue (23%)



Red (20%)

Yellow (19%)

Blue (23%)

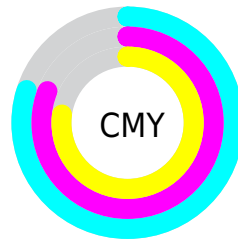


Cyan (12%)

Magenta (17%)

Yellow (0%)

Black (77%)



Cyan (80%)

Magenta (81%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0068, 1.2394, -2.5065 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 18.0068, 1.2394, -2.5065 by changing the saturation by 10% instead.

■ 18.0068, 1.2394,
-2.5065

■ 18.0068, 1.2394,
-2.5065

■ 114.5431, -2.1070,
0.1725

■ 11.2234, 1.2967,
-2.4659

■ 34.4362, 0.8702,
-2.3197

■ 3.3112, 4.7452,
-7.1144

■ 43.8865, 0.5869,
-2.1191

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.0714, 0.2488,
-1.8584

0.0000, NaN, NaN

■ 64.9411, -0.1385,
-1.5437

0.0000, NaN, NaN

■ 76.4550, -0.5709,
-1.1798

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.5788, -1.0449,

-0.7704

0.0000, NaN, NaN

101.2834, -1.5577,
-0.3188

■ 18.0068, 1.2394,
-2.5065

■ 18.0068, 1.2394,
-2.5065

■ 16.3589, 2.6859,
-4.8692

■ 19.7061, -0.1633,
-0.3093

■ 14.7689, 4.1869,
-7.4372

■ 21.4497, -1.5296,
1.7532

■ 13.2472, 5.7512,
-10.2555

■ 23.2332, -2.8674,
3.7067

■ 11.8071, 7.3847,
-13.3731

■ 25.0528, -4.1827,
5.5719

■ 10.4662, 9.0831,
-16.8316

■ 26.9054, -5.4807,
7.3649

■ 9.2479, 10.8186,
-20.6400

■ 28.7883, -6.7655,
9.0991

■ 8.1618, 12.5820,
-24.8082

■ 30.6994, -8.0403,
10.7849

■ 7.0206, 15.0895,
-30.3533

■ 32.6369, -9.3080,
12.4309

■ 6.6443, 16.1310,
-32.5459

■ 34.5990, -10.5707,
14.0442

Harmonies

Analogous

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



18.0072, -0.7742, -3.2269



18.0068, 1.2394, -2.5065



18.0072, 2.7132, -0.8446

Triad

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



18.0072, 1.2390, -2.5062



18.0072, 0.9006, 4.0304



18.0072, -4.7676, 0.8012

Complementary

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



18.0068, 1.2394, -2.5065



20.4708, -3.1305, 4.1428

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.



18.0072, -4.3638, 2.6320



18.0068, 1.2394, -2.5065



18.0072, -1.1486, 4.3669

Square

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



18.0072, 1.2390, -2.5062



18.0072, 2.5117, 2.9078



18.0072, -3.0617, 3.8843



18.0072, -4.1904, -1.1873

Rectangle

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



18.0068, 1.2394, -2.5065



18.0072, 3.1586, 0.4921



18.0072, -3.0617, 3.8843



18.0072, -4.7421, 1.4550

Sweetspot

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



18.0072, 1.2390, -2.5062



25.8845, -0.5180, 0.0696



19.5278, -2.3783, -0.5716



13.3691, -0.2492, 0.0073



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.0072, 1.2390, -2.5062



22.4468, 2.3394, -4.4292



18.3779, 2.4711, -1.9813



10.7660, 0.0277, -0.3533



10.3227, 25.5676, -54.4889



25.3834, 64.2146, -144.4081

Inverse Universe

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



18.4718, 2.6156, -0.5813



23.2005, 4.5354, -1.2533



20.1442, -4.3086, 3.7846



10.8909, 0.4094, 0.1465



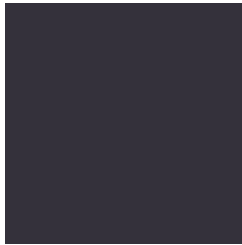
16.7098, 30.9734, -7.4768



42.2880, 78.0399, -16.2430

Previews

White Background



This preview shows how the HunterLab color 18.0068, 1.2394, -2.5065 looks on a white background.

Color Contrast Check

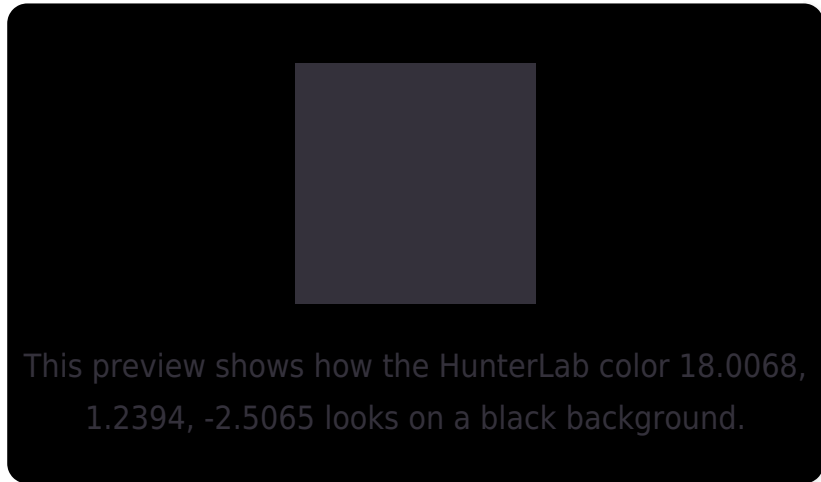
Large Text (above 18pt) WCAG AA ✓ Pass

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

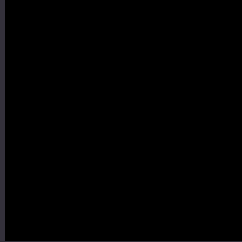
Any Text WCAG AA × Fail

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 18.0068, 1.2394, -2.5065 Background



This preview shows how black text looks on a background with the HunterLab color 18.0068, 1.2394, -2.5065.



This preview shows how white text looks on a background with the HunterLab color 18.0068, 1.2394, -2.5065.

-2.5065.

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

18.0068, 1.2394, -2.5065

Protanopia

18.0566, 0.2605, -2.9061

Deuteranopia

17.9338, 0.9937, -2.6113



Tritanopia

18.0315, -0.1574, -0.3675

Trichromacy



Original Color

18.0068, 1.2394, -2.5065

Protanomaly

18.1261, 0.4970, -2.8054

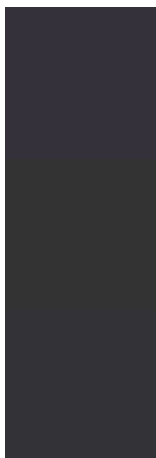
Deuteranomaly

17.9338, 0.9937, -2.6113

Tritanomaly

18.0846, 0.1307, -1.1201

Monochromacy



Original Color

18.0068, 1.2394, -2.5065

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.0315, -0.1574, -0.3675

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0068, 1.2394, -2.5065 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(52, 49, 59)` looks like.

```
.text, #text, p{  
    color:rgb(52, 49, 59)  
}
```

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(52, 49, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 49, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0068, 1.2394, -2.5065 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(52, 49, 59) }
```


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

```
.border{ border-color:rgb(52, 49, 59) }
```

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

Here you see how a box with a 4 pixel rgb(52, 49, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 49, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 49, 59);  
box-shadow:4px 4px 4px 4px rgb(52, 49, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0068, 1.2394, -2.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 49, 59) }
```

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

```
.background{ background-color: rgb(52, 49,  
59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor