

Converting Colors

HunterLab(16.3517, -5.1136,
-0.9553)

Have a look what the booklet for
HunterLab(16.3517, -5.1136,
-0.9553) contains.

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Color

**HunterLab(16.3517, -5.1136,
-0.9553)**

Conversions

Conversions Part 1

Format	Color
Hex	1C3132
RGB	28, 49, 50
RGB Percent	11%, 19%, 20%
CMY	0.8902, 0.8078, 0.8039
CMYK	0.44, 0.02, 0.00, 0.80
HSL	183°, 28%, 15%
HSV	183°, 44%, 20%
XYZ	2.1529, 2.6738, 3.4202
YIQ	42.8350, -12.8370, -4.1410

Conversions

Conversions Part 2

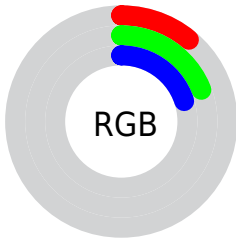
Format	Color
R_{YB}	28, 39, 50
Decimal	1847602
CIE Lab	18.69, -8.04, -3.30
CIE LCh	19, 8.693, 202.304
Yxy	2.6739, 0.2611, 0.3242
Android (android.graphics.Color)	4280037682 (0xFF1C3132)
YUV	42.8350, 3.5323, -13.0103
Hunter-Lab	16.3517, -5.1136, -0.9553

Details

The HunterLab color **16.3517, -5.1136, -0.9553** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.8090, 4.9591, 2.8942**, and the grayscale version is **15.4809, -0.8260, 0.8411**.

A 20% lighter version of the original color is **32.3194, -7.1215, -0.5109**, and **0.8108, 2.1994, -5.7613** is the 20% darker color. If you saturate the color by 10%, you get **16.0941, -5.7834, -1.3010**, and if you desaturate by 10%, it is **16.6415, -4.3361, -0.5727**.

Distribution



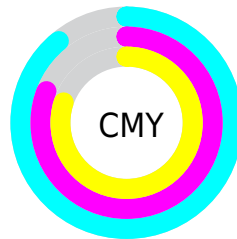
- Red (11%)
- Green (19%)
- Blue (20%)



- Red (11%)
- Yellow (15%)
- Blue (20%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (80%)



- Cyan (89%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3517, -5.1136, -0.9553 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 16.3517, -5.1136, -0.9553 by changing the saturation by 10% instead.

■ 16.3517, -5.1136,
-0.9553

■ 16.3517, -5.1136,
-0.9553

■ 111.4415,
-14.3137, 2.7028

■ 9.8181, -4.1318,
-1.0566

■ 32.3701, -7.1606,
-0.5092

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.6431, -8.1632,
-0.1902

0.0000, NaN, NaN

■ 51.6636, -9.1659,
0.1825

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.3795, -10.1739,
0.6036

0.0000, NaN, NaN


■ 73.7482, -11.1908,
1.0692


0.0000, NaN, NaN


■ 85.7344, -12.2188,


0.0000, NaN, NaN


1.5760


 98.3075, -13.2594,
2.1212


 16.3517, -5.1136,
-0.9553


 16.3517, -5.1136,
-0.9553


 16.0941, -5.7834,
-1.3010


 16.6415, -4.3361,
-0.5727


 15.8676, -6.3421,
-1.6091


 16.9625, -3.4550,
-0.1560


 15.6716, -6.7890,
-1.8787

 17.3149, -2.4758,
0.2929

 15.5029, -7.1346,
-2.1130

 17.6979, -1.4051,
0.7713

 15.3380, -7.4677,
-2.3444

 18.1111, -0.2500,
1.2767

■ 15.2384, -7.6717,
-2.4856

■ 18.5535, 0.9825,
1.8064

■ 19.0241, 2.2851,
2.3578

■ 19.5220, 3.6507,
2.9284

■ 20.0460, 5.0725,
3.5157

Harmonies

Analogous

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



16.3520, -5.3977, 1.4946



16.3517, -5.1136, -0.9553



16.3520, -3.7283, -3.1872

Triad

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



16.3520, -5.1138, -0.9551



16.3520, 3.1343, -2.1822



16.3520, -0.2203, 4.8262

Complementary

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



16.3517, -5.1136, -0.9553



12.8090, 4.9591, 2.8942

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.



16.3520, 2.1919, 4.1295



16.3517, -5.1136, -0.9553



16.3520, 4.2036, 0.2616

Square

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



16.3520, -5.1138, -0.9551



16.3520, 1.0039, -3.9670



16.3520, 3.8486, 2.5425



16.3520, -2.6696, 4.6018

Rectangle

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



16.3517, -5.1136, -0.9553



16.3520, -2.3184, -4.1305



16.3520, 3.8486, 2.5425



16.3520, 0.6236, 4.6962

Sweetspot

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



16.3520, -5.1138, -0.9551



21.8842, -3.0808, 0.3906



16.1726, -8.0154, 5.6266



11.9918, -1.7444, 0.1902



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



16.3520, -5.1138, -0.9551



20.2768, -7.4287, -1.7098



13.7134, -1.1370, -4.6167



9.8272, -1.0495, 0.3161



26.9319, -13.4775, -4.5686



70.4099, -35.0414, -12.3619

Inverse Universe

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



13.1546, 7.9868, -4.8515



15.3572, 13.0723, -8.0228



15.0389, 0.6831, 4.9474



9.4644, 0.3810, -0.0600



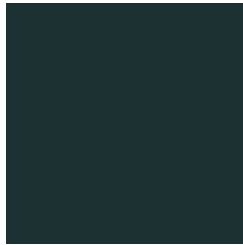
16.7189, 32.5731, -19.7501



43.8334, 85.3325, -51.2595

Previews

White Background



This preview shows how the HunterLab color 16.3517, -5.1136, -0.9553 looks on a white background.

Color Contrast Check

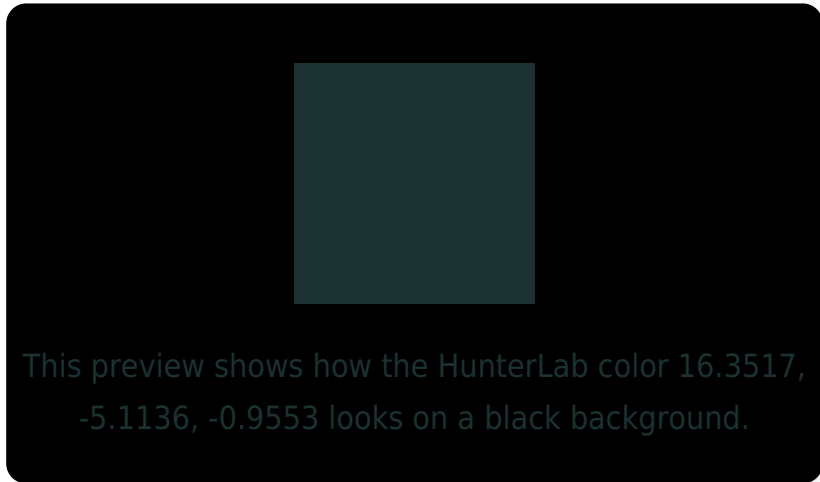
Large Text (above 18pt) WCAG AA ✓ Pass

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

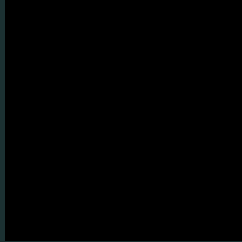
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

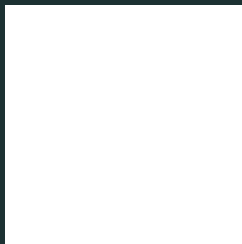
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 16.3517, -5.1136, -0.9553 Background



This preview shows how black text looks on a background with the HunterLab color 16.3517, -5.1136, -0.9553.



This preview shows how white text looks on a background with the HunterLab color 16.3517, -5.1136, -0.9553.

-0.9553.

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

16.3517, -5.1136, -0.9553

Protanopia

16.3432, -0.2189, -0.0776

Deuteranopia

16.2626, 0.8523, -1.3826



Tritanopia

16.4769, -4.4854, -2.0454

Trichromacy



Original Color

16.3517, -5.1136, -0.9553

Protanomaly

16.1464, -2.0771, -0.7569

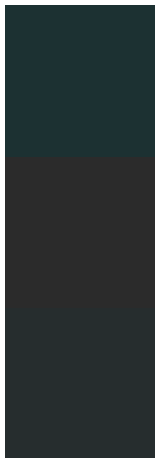
Deuteranomaly

16.2608, -1.5661, -1.4274

Tritanomaly

16.4492, -4.6431, -1.6554

Monochromacy



Original Color

16.3517, -5.1136, -0.9553

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.7674, -2.3377, -0.0446

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3517, -5.1136, -0.9553 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(28, 49, 50)` looks like.

```
.text, #text, p{  
    color:rgb(28, 49, 50)  
}
```

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(28, 49, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 49, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3517, -5.1136, -0.9553 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(28, 49, 50) }
```


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

```
.border{ border-color:rgb(28, 49, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 49, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 49, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 49, 50);  
box-shadow:4px 4px 4px 4px rgb(28, 49, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3517, -5.1136, -0.9553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 49, 50) }
```

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

```
.background{ background-color: rgb(28, 49,  
50) }
```

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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