

Converting Colors

HunterLab(18.0511, -7.9820,
0.3124)

Have a look what the booklet for
HunterLab(18.0511, -7.9820, 0.3124)
contains.

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Color

**HunterLab(18.0511, -7.9820,
0.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	173834
RGB	23, 56, 52
RGB Percent	9%, 22%, 20%
CMY	0.9098, 0.7804, 0.7961
CMYK	0.59, 0.00, 0.07, 0.78
HSL	173°, 42%, 15%
HSV	173°, 59%, 22%
XYZ	2.3873, 3.2584, 3.7519
YIQ	45.6770, -18.3840, -8.2400

Conversions

Conversions Part 2

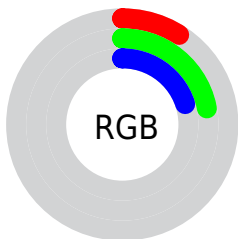
Format	Color
R_YB	23, 41, 56
Decimal	1521716
CIE Lab	21.05, -13.27, -1.20
CIE LCh	21, 13.325, 185.173
Yxy	3.2585, 0.2540, 0.3467
Android (android.graphics.Color)	4279711796 (0xFF173834)
YUV	45.6770, 3.1172, -19.8877
Hunter-Lab	18.0511, -7.9820, 0.3124




Details

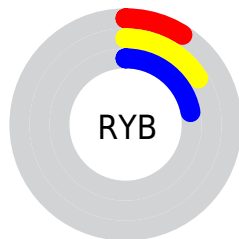
The HunterLab color **18.0511, -7.9820, 0.3124** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.3804, 9.1195, 2.8222**, and the grayscale version is **16.4170, -0.8760, 0.8920**.




A 20% lighter version of the original color is **34.4738, -10.7221, 1.1815**, and **4.0902, -2.1684, -0.4314** is the 20% darker color. If you saturate the color by 10%, you get **17.8695, -8.7236, 0.3430**, and if you desaturate by 10%, it is **18.2701, -7.1084, 0.3283**.

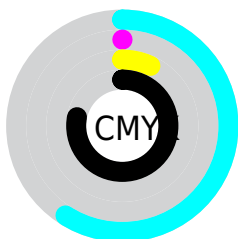
Distribution







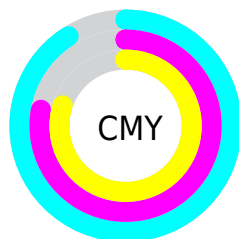
-  Red (9%)
-  Green (22%)
-  Blue (20%)






-  Red (9%)
-  Yellow (16%)
-  Blue (22%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (78%)



-  Cyan (91%)
-  Magenta (78%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0511, -7.9820, 0.3124 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 18.0511, -7.9820, 0.3124 by changing the saturation by 10% instead.

■ 18.0511, -7.9820,
0.3124

■ 18.0511, -7.9820,
0.3124

■ 114.6252,
-19.9205, 5.0151

■ 11.2613, -6.4108,
0.0366

■ 34.4911, -10.8141,
1.0515

■ 3.4110, -5.9692,
-1.2744

■ 43.9461, -12.1536,
1.4984

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.1352, -13.4674,
1.9899

0.0000, NaN, NaN

■ 65.0090, -14.7659,
2.5227

0.0000, NaN, NaN

■ 76.5267, -16.0562,
3.0937

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.6541, -17.3431,

■ 101.3621,
-18.6303, 4.3418

■ 18.0511, -7.9820,
0.3124

■ 18.0511, -7.9820,
0.3124

■ 17.8695, -8.7236,
0.3430

■ 18.2701, -7.1084,
0.3283

■ 17.7230, -9.3335,
0.4176

■ 18.5265, -6.1043,
0.3912

■ 17.6024, -9.8456,
0.5238

■ 18.8209, -4.9745,
0.5016

■ 17.4828, -10.3571,
0.6300

■ 19.1536, -3.7251,
0.6588

■ 17.4699, -10.4123,
0.6413

■ 19.5242, -2.3638,
0.8619

■ 19.9321, -0.8994,
1.1090

■ 20.3766, 0.6589,
1.3982

■ 20.8567, 2.3017,
1.7270

■ 21.3712, 4.0195,
2.0928

Harmonies

Analogous

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



18.0515, -7.4082, 3.7842



18.0511, -7.9820, 0.3124



18.0515, -6.8129, -3.7432

Triad

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



18.0515, -7.9821, 0.3126



18.0515, 3.6675, -6.0526



18.0515, 2.3688, 6.4272

Complementary

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



18.0511, -7.9820, 0.3124



12.3804, 9.1195, 2.8222

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.



18.0515, 5.7394, 4.6989



18.0511, -7.9820, 0.3124



18.0515, 6.5336, -2.3554

Square

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



18.0515, -7.9821, 0.3126



18.0515, -0.2677, -7.8936



18.0515, 7.3227, 1.6278



18.0515, -1.6501, 6.8411

Rectangle

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



18.0511, -7.9820, 0.3124



18.0515, -5.1370, -6.0873



18.0515, 7.3227, 1.6278



18.0515, 3.6259, 6.0023

Sweetspot

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



18.0515, -7.9821, 0.3126



25.1870, -4.8971, 0.8665



17.6885, -10.4538, 7.9993



13.4567, -2.7329, 0.4489



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.



18.0515, -7.9821, 0.3126



23.3827, -11.9495, 0.5001



15.0389, -3.0047, -5.5363



10.6073, -1.2372, 0.4750



28.6511, -17.2273, 1.3774



73.9305, -44.8647, 4.4434

Inverse Universe

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



12.3804, 9.1195, 2.8222



14.4556, 15.5004, 4.7214



14.5281, 3.9358, 5.7127



10.1297, 0.1588, 0.6658



15.1310, 26.0740, 8.5241



38.9665, 66.9295, 23.6429

Previews

White Background



This preview shows how the HunterLab color 18.0511, -7.9820, 0.3124 looks on a white background.

Color Contrast Check

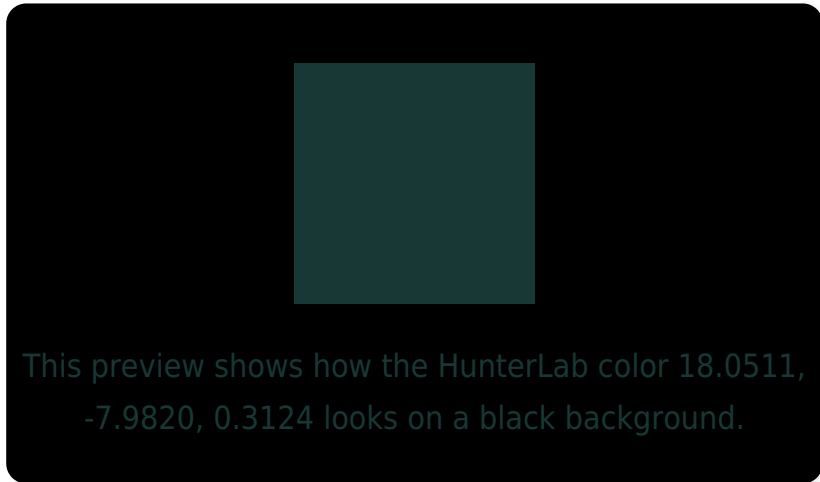
Large Text (above 18pt) WCAG AA ✓ Pass

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

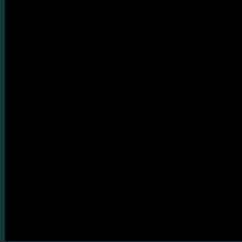
Any Text WCAG AA × Fail

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 18.0511, -7.9820, 0.3124 Background



This preview shows how black text looks on a background with the HunterLab color 18.0511, -7.9820, 0.3124.



This preview shows how white text looks on a background with the HunterLab color 18.0511, -7.9820,

0.3124.

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

18.0511, -7.9820, 0.3124

Protanopia

17.9806, -0.5805, 1.4879

Deuteranopia

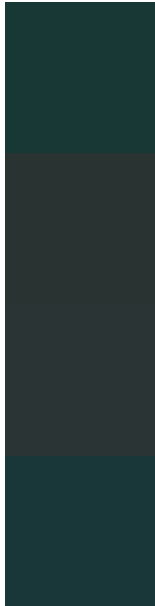
17.9943, 0.8709, 0.0054



Tritanopia

18.0769, -6.1427, -2.5396

Trichromacy



Original Color

18.0511, -7.9820, 0.3124

Protanomaly

17.7699, -3.7931, 0.8149

Deuteranomaly

17.9628, -2.9463, -0.1003

Tritanomaly

17.9571, -6.7639, -1.4065

Monochromacy



Original Color

18.0511, -7.9820, 0.3124

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.0490, -3.9393, 0.7120

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0511, -7.9820, 0.3124 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(23, 56, 52)` looks like.

```
.text, #text, p{  
    color:rgb(23, 56, 52)  
}
```

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(23, 56, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 56, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0511, -7.9820, 0.3124 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(23, 56, 52) }
```


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

```
.border{ border-color:rgb(23, 56, 52) }
```

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

Here you see how a box with a 4 pixel rgb(23, 56, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 56, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 56, 52);  
box-shadow:4px 4px 4px 4px rgb(23, 56, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0511, -7.9820, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 56, 52) }
```

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

```
.background{ background-color: rgb(23, 56,  
52) }
```

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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