

Converting Colors

HunterLab(18.5853, -6.2992,
-0.6310)

Have a look what the booklet for
HunterLab(18.5853, -6.2992,
-0.6310) contains.

HunterLab(18.4531, -6.2426, -0.7596)	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(18.4531, -6.2426,
-0.7596)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3838
RGB	31, 56, 56
RGB Percent	12%, 22%, 22%
CMY	0.8784, 0.7804, 0.7804
CMYK	0.45, 0.00, 0.00, 0.78
HSL	180°, 29%, 17%
HSV	180°, 45%, 22%
XYZ	2.6930, 3.4052, 4.2567
YIQ	48.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

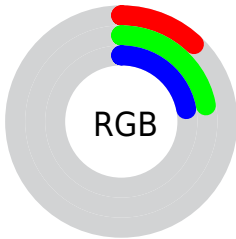
Format	Color
RYB	31, 44, 56
Decimal	2046008
CIELab	21.60, -9.63, -3.05
CIELCh	22, 10.105, 197.588
Yxy	3.4053, 0.2601, 0.3288
Android (android.graphics.Color)	4280236088 (0xFF1F3838)
YUV	48.5250, 3.6852, -15.3694
Hunter-Lab	18.4531, -6.2426, -0.7596

Details

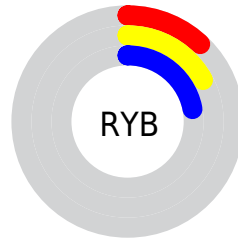
The HunterLab color **18.4531, -6.2426, -0.7596** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.8555, 6.2637, 3.0996**, and the grayscale version is **17.3589, -0.9262, 0.9431**.

A 20% lighter version of the original color is **35.0108, -8.4543, -0.3052**, and **5.1808, -2.4401, -1.2080** is the 20% darker color. If you saturate the color by 10%, you get **18.2367, -7.0637, -1.0500**, and if you desaturate by 10%, it is **18.7082, -5.2913, -0.4221**.

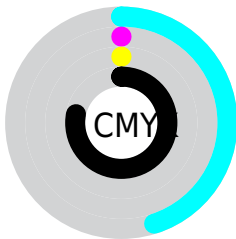
Distribution



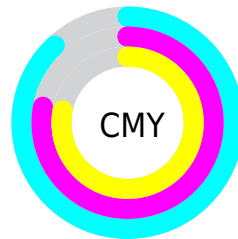
- Red (12%)
- Green (22%)
- Blue (22%)



- Red (12%)
- Yellow (17%)
- Blue (22%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (78%)



- Cyan (88%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4531, -6.2426, -0.7596 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 18.4531, -6.2426, -0.7596 by changing the saturation by 10% instead.

■ 18.4531, -6.2426,
-0.7596

■ 18.4531, -6.2426,
-0.7596

■ 115.3677,
-16.2667, 3.1356

■ 11.6052, -5.0258,
-0.9050

■ 34.9893, -8.5136,
-0.2436

■ 4.2074, -7.3629,
-2.7791

■ 44.4860, -9.6165,
0.1048

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.7139, -10.7133,
0.5044

0.0000, NaN, NaN

■ 65.6239, -11.8103,
0.9505

0.0000, NaN, NaN

■ 77.1758, -12.9117,
1.4394

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.3358, -14.0203,

1.9681

0.0000, NaN, NaN

102.0748,
-15.1381, 2.5342

18.4531, -6.2426,
-0.7596

18.4531, -6.2426,
-0.7596

18.2367, -7.0637,
-1.0500

18.7082, -5.2913,
-0.4221

18.0572, -7.7520,
-1.2936

19.0013, -4.2136,
-0.0398

17.9135, -8.3081,
-1.4903

19.3327, -3.0158,
0.3855

17.8030, -8.7394,
-1.6427

19.7023, -1.7053,
0.8513

17.7012, -9.1393,
-1.7840

20.1093, -0.2908,
1.3547

■ 17.6464, -9.3556,
-1.8604

■ 20.5530, 1.2188,
1.8926

■ 21.0324, 2.8141,
2.4618

■ 21.5462, 4.4860,
3.0592

■ 22.0933, 6.2255,
3.6817

Harmonies

Analogous

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



18.4535, -6.3637, 2.1622



18.4531, -6.2426, -0.7596



18.4535, -4.7716, -3.6000

Triad

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



18.4535, -6.2428, -0.7593



18.4535, 3.5401, -3.1616



18.4535, 0.2901, 5.6588

Complementary

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



18.4531, -6.2426, -0.7596



13.8555, 6.2637, 3.0996

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.



18.4535, 3.1325, 4.6622



18.4531, -6.2426, -0.7596



18.4535, 5.0889, -0.2335

Square

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



18.4535, -6.2428, -0.7593



18.4535, 0.8174, -5.1340



18.4535, 4.9351, 2.6097



18.4535, -2.7220, 5.5649

Rectangle

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



18.4531, -6.2426, -0.7596



18.4535, -3.1657, -4.9232



18.4535, 4.9351, 2.6097



18.4535, 1.3006, 5.4480

Sweetspot

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



18.4535, -6.2428, -0.7593



25.4675, -3.8035, 0.5645



17.9589, -9.1709, 6.6257



13.6125, -2.1232, 0.2715



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.



18.4535, -6.2428, -0.7593



23.9269, -9.4948, -1.4538



15.4016, -1.7271, -4.9432



10.6149, -1.1949, 0.3661



28.9635, -15.3556, -3.0535



74.7995, -39.6567, -7.8854

Inverse Universe

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



13.8555, 6.2637, 3.0996



16.4757, 11.0556, 4.8947



16.3512, 1.3541, 5.3985



10.1223, 0.1190, 0.7708



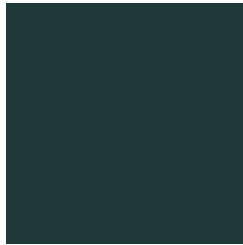
15.0500, 25.7737, 9.7246



38.8673, 66.5615, 25.1148

Previews

White Background



This preview shows how the HunterLab color 18.4531, -6.2426, -0.7596 looks on a white background.

Color Contrast Check

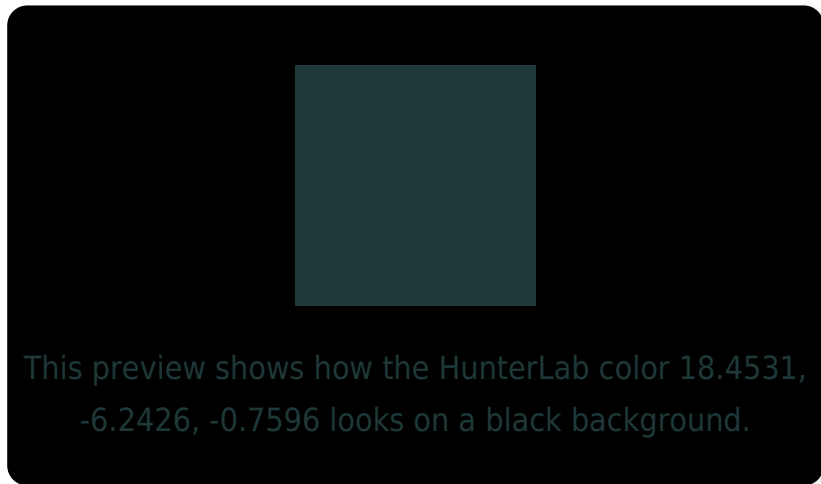
Large Text (above 18pt) WCAG AA ✓ Pass

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

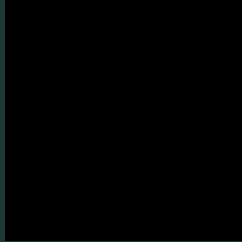
Any Text WCAG AA × Fail

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 18.4531, -6.2426, -0.7596 Background



This preview shows how black text looks on a background with the HunterLab color 18.4531, -6.2426, -0.7596.



This preview shows how white text looks on a background with the HunterLab color 18.4531, -6.2426, -0.7596.

-0.7596.

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

18.4531, -6.2426, -0.7596

Protanopia

18.3160, -0.4520, 0.3754

Deuteranopia

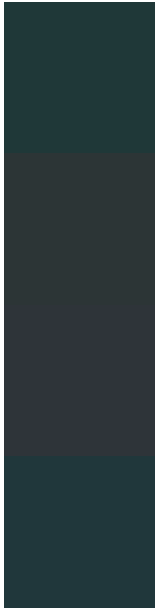
18.3327, 1.0268, -1.2044



Tritanopia

18.3458, -5.0813, -2.6002

Trichromacy



Original Color

18.4531, -6.2426, -0.7596

Protanomaly

18.2976, -2.9726, -0.0859

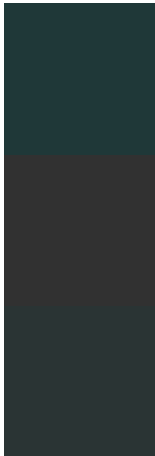
Deuteranomaly

18.2544, -1.6982, -1.3541

Tritanomaly

18.3173, -5.2443, -2.1978

Monochromacy



Original Color

18.4531, -6.2426, -0.7596

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.8778, -3.3030, 0.1840

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4531, -6.2426, -0.7596 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(31, 56, 56)` looks like.

```
.text, #text, p{  
    color:rgb(31, 56, 56)  
}
```

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(31, 56, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 56, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4531, -6.2426, -0.7596 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(31, 56, 56) }
```


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

```
.border{ border-color:rgb(31, 56, 56) }
```

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

Here you see how a box with a 4 pixel rgb(31, 56, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 56, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 56, 56);  
box-shadow:4px 4px 4px 4px rgb(31, 56, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4531, -6.2426, -0.7596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 56, 56) }
```

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

```
.background{ background-color: rgb(31, 56,  
56) }
```

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