

Converting Colors

HunterLab(18.3113, -7.8173,
2.6551)

Have a look what the booklet for
HunterLab(18.3113, -7.8173, 2.6551)
contains.

HunterLab(18.2124, -7.6397, 2.6740)	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(18.2124, -7.6397,
2.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	1F382E
RGB	31, 56, 46
RGB Percent	12%, 22%, 18%
CMY	0.8784, 0.7804, 0.8196
CMYK	0.45, 0.00, 0.18, 0.78
HSL	156°, 29%, 17%
HSV	156°, 45%, 22%
XYZ	2.4724, 3.3169, 3.0947
YIQ	47.3850, -11.6900, -8.4100

Conversions

Conversions Part 2

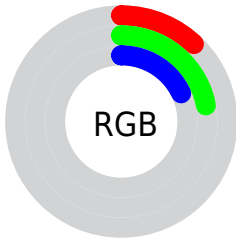
Format	Color
R_{YB}	31, 47, 56
Decimal	2045998
CIE _{Lab}	21.27, -12.50, 3.23
CIE _{LCh}	21, 12.912, 165.536
Yxy	3.3171, 0.2783, 0.3734
Android (android.graphics.Color)	4280236078 (0xFF1F382E)
YUV	47.3850, -0.6828, -14.3696
Hunter-Lab	18.2124, -7.6397, 2.6740

Details

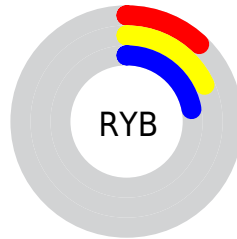
The HunterLab color **18.2124, -7.6397, 2.6740** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.0745, 7.3452, -0.0366**, and the grayscale version is **16.9931, -0.9067, 0.9233**.

A 20% lighter version of the original color is **34.6550, -10.3619, 3.8500**, and **4.4201, -3.7902, 2.6573** is the 20% darker color. If you saturate the color by 10%, you get **17.9453, -8.7728, 3.1092**, and if you desaturate by 10%, it is **18.5198, -6.3724, 2.2645**.

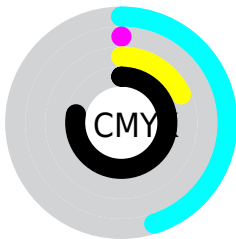
Distribution



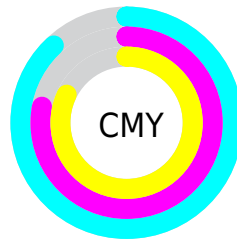
- Red (12%)
- Green (22%)
- Blue (18%)



- Red (12%)
- Yellow (18%)
- Blue (22%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (78%)



- Cyan (88%)
- Magenta (78%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.2124, -7.6397, 2.6740 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 18.2124, -7.6397, 2.6740 by changing the saturation by 10% instead.

■ 18.2124, -7.6397,
2.6740

■ 18.2124, -7.6397,
2.6740

■ 114.9236,
-19.1675, 9.4789

■ 11.3992, -6.1466,
2.0332

■ 34.6912, -10.3501,
4.0118

■ 3.7516, -6.5654,
2.6262

■ 44.1630, -11.6387,
4.7166

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.3677, -12.9060,
5.4470

0.0000, NaN, NaN

■ 65.2560, -14.1615,
6.2032

0.0000, NaN, NaN

■ 76.7875, -15.4114,
6.9849

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.9280, -16.6604,

101.6485,
-17.9116, 8.6232

18.2124, -7.6397,
2.6740

18.2124, -7.6397,
2.6740

17.9453, -8.7728,
3.1092

18.5198, -6.3724,
2.2645

17.7168, -9.7653,
3.5653

18.8664, -4.9780,
1.8832

17.5265, -10.6146,
4.0381

19.2523, -3.4659,
1.5331

17.3718, -11.3251,
4.5213

19.6767, -1.8464,
1.2160

17.2279, -11.9940,
4.9869

20.1389, -0.1303,
0.9333

■ 17.1513, -12.3511,
5.2249

■ 20.6376, 1.6715,
0.6856

■ 21.1717, 3.5486,
0.4730

■ 21.7397, 5.4908,
0.2952

■ 22.3403, 7.4889,
0.1513

Harmonies

Analogous

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



18.2128, -5.9907, 5.2898



18.2124, -7.6397, 2.6740



18.2128, -7.6093, -1.0108

Triad

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



18.2128, -7.6399, 2.6742



18.2128, 1.0659, -7.2440



18.2128, 4.5451, 5.3587

Complementary

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



18.2124, -7.6397, 2.6740



14.0745, 7.3452, -0.0366

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.



18.2128, 6.7754, 2.7893



18.2124, -7.6397, 2.6740



18.2128, 4.6551, -4.7044

Square

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



18.2128, -7.6399, 2.6742



18.2128, -2.7965, -7.2929



18.2128, 6.8172, -0.8692



18.2128, 0.9257, 6.6053

Rectangle

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



18.2124, -7.6397, 2.6740



18.2128, -6.6475, -3.6275



18.2128, 6.8172, -0.8692



18.2128, 5.4950, 4.6482

Sweetspot

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



18.2128, -7.6399, 2.6742



25.3687, -4.3553, 1.9732



18.4593, -7.2319, 7.0840



13.5558, -2.4400, 1.0794



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.



18.2128, -7.6399, 2.6742



23.5298, -11.8279, 4.2133



17.9096, -5.4854, -1.4466



10.5900, -1.3330, 0.7213



28.1003, -20.5822, 9.3081



72.4390, -53.9634, 25.9491

Inverse Universe

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



14.0745, 7.3452, -0.0366



16.8199, 12.6777, -0.0472



14.2552, 5.4121, 3.4869



10.1469, 0.2520, 0.4200



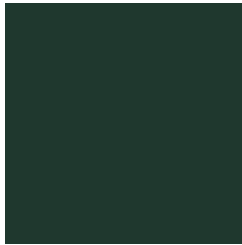
15.4818, 27.3645, 3.4032



39.7576, 69.8468, 12.0418

Previews

White Background



This preview shows how the HunterLab color 18.2124, -7.6397, 2.6740 looks on a white background.

Color Contrast Check

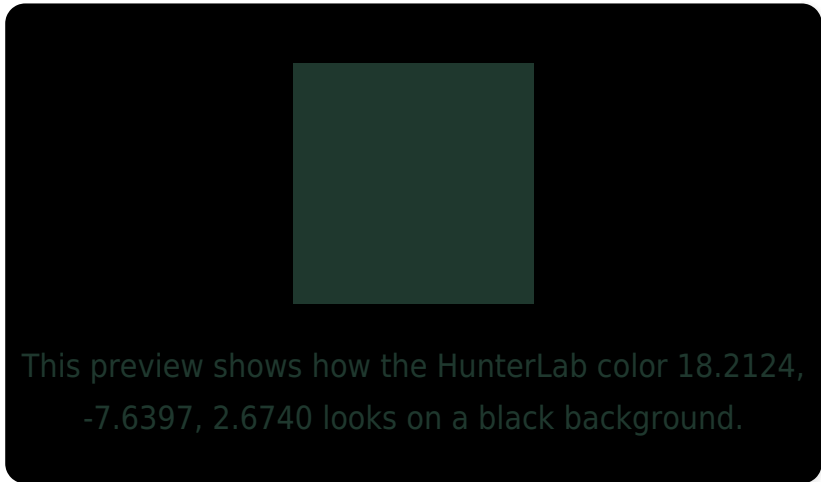
Large Text (above 18pt) WCAG AA ✓ Pass

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

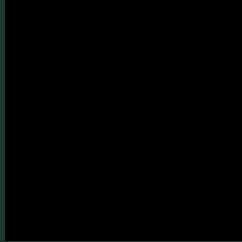
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

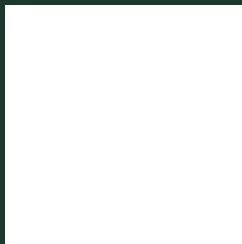
Any Text WCAG AAA × Fail

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

HunterLab 18.2124, -7.6397, 2.6740 Background



This preview shows how black text looks on a background with the HunterLab color 18.2124, -7.6397, 2.6740.



This preview shows how white text looks on a background with the HunterLab color 18.2124, -7.6397,

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

18.2124, -7.6397, 2.6740

Protanopia

18.2383, -1.1737, 3.7879

Deuteranopia

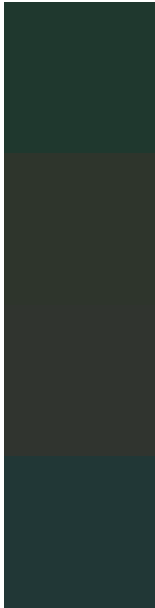
18.0879, 0.8998, 2.3461



Tritanopia

18.1499, -4.5370, -2.4120

Trichromacy



Original Color

18.2124, -7.6397, 2.6740

Protanomaly

18.1904, -3.8229, 3.3751

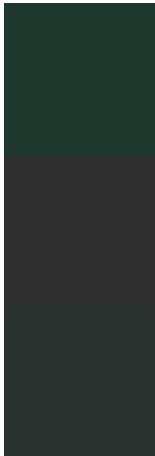
Deuteranomaly

18.1372, -2.6089, 2.3391

Tritanomaly

18.2265, -5.8533, -0.2243

Monochromacy



Original Color

18.2124, -7.6397, 2.6740

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.1984, -3.4428, 1.2661

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2124, -7.6397, 2.6740 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(31, 56, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 56, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2124, -7.6397, 2.6740 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, 46) }
```


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

```
.border{ border-color:rgb(31, 56, 46) }
```

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, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 56, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 56, 46);  
box-shadow:4px 4px 4px 4px rgb(31, 56, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.2124, -7.6397, 2.6740 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, 46) }
```

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

```
.background{ background-color: rgb(31, 56,  
46) }
```

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