

Converting Colors

HunterLab(18.2606, -2.3375,
-0.1776)

Have a look what the booklet for
HunterLab(18.2606, -2.3375,
-0.1776) contains.

HunterLab(18.1746, -2.1395, -0.2237)	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(18.1746, -2.1395,
-0.2237)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3436
RGB	46, 52, 54
RGB Percent	18%, 20%, 21%
CMY	0.8196, 0.7961, 0.7882
CMYK	0.15, 0.04, 0.00, 0.79
HSL	195°, 8%, 20%
HSV	195°, 15%, 21%
XYZ	3.0206, 3.3032, 3.9684
YIQ	50.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

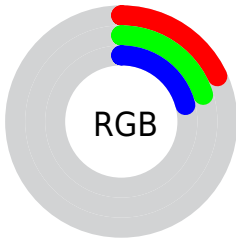
Format	Color
R_YB	46, 49, 54
Decimal	3028022
CIE Lab	21.22, -2.05, -2.14
CIE LCh	21, 2.965, 226.163
Yxy	3.3033, 0.2935, 0.3209
Android (android.graphics.Color)	4281218102 (0xFF2E3436)
YUV	50.4340, 1.7580, -3.8886
Hunter-Lab	18.1746, -2.1395, -0.2237

Details

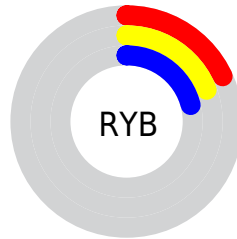
The HunterLab color **18.1746, -2.1395, -0.2237** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.5938, 0.3725, 2.1371**, and the grayscale version is **18.0005, -0.9605, 0.9780**.

A 20% lighter version of the original color is **34.5692, -3.0241, 0.1321**, and **3.9008, -1.3393, -1.9844** is the 20% darker color. If you saturate the color by 10%, you get **17.5127, -2.7894, -1.0735**, and if you desaturate by 10%, it is **18.8651, -1.4060, 0.6311**.

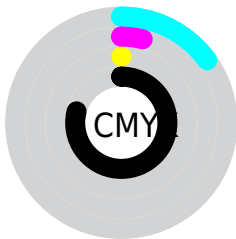
Distribution



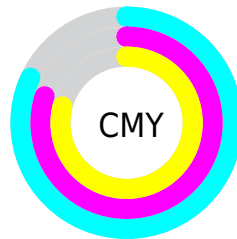
- Red (18%)
- Green (20%)
- Blue (21%)



- Red (18%)
- Yellow (19%)
- Blue (21%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (79%)



- Cyan (82%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1746, -2.1395, -0.2237 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 18.1746, -2.1395, -0.2237 by changing the saturation by 10% instead.

■ 18.1746, -2.1395,
-0.2237

■ 18.1746, -2.1395,
-0.2237

■ 114.8537, -8.3156,
4.0616

■ 11.3669, -1.6022,
-0.4310

■ 34.6444, -3.3065,
0.3994

■ 3.6748, -2.6315,
-2.2126

■ 44.1122, -3.9362,
0.7953

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.3133, -4.5961,
1.2393

0.0000, NaN, NaN

■ 65.1982, -5.2852,
1.7273

0.0000, NaN, NaN

■ 76.7264, -6.0025,
2.2561

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.8639, -6.7473,

101.5815, -7.5186,
3.4252

■ 18.1746, -2.1395,
-0.2237

■ 18.1746, -2.1395,
-0.2237

■ 17.5127, -2.7894,
-1.0735

■ 18.8651, -1.4060,
0.6311

■ 16.8796, -3.3470,
-1.9165

■ 19.5814, -0.5953,
1.4881

■ 16.2771, -3.8051,
-2.7496

■ 20.3227, 0.2855,
2.3457

■ 15.7065, -4.1561,
-3.5690

■ 21.0875, 1.2297,
3.2028

■ 15.1691, -4.3935,
-4.3711

■ 21.8746, 2.2317,
4.0584

■ 14.6657, -4.5116,
-5.1517

■ 22.6826, 3.2859,
4.9117

■ 14.1945, -4.5150,
-5.9104

■ 23.5105, 4.3875,
5.7624

■ 13.7279, -4.5070,
-6.6932

■ 24.3571, 5.5322,
6.6100

■ 13.4843, -4.5113,
-7.1157

■ 25.2215, 6.7162,
7.4545

Harmonies

Analogous

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



18.1750, -2.5839, 0.5307



18.1746, -2.1395, -0.2237



18.1750, -1.3778, -0.6618

Triad

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



18.1750, -2.1398, -0.2234



18.1750, 0.7194, 0.5960



18.1750, -1.4443, 2.4832

Complementary

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



18.1746, -2.1395, -0.2237



17.5938, 0.3725, 2.1371

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.



18.1750, -0.5600, 2.4988



18.1746, -2.1395, -0.2237



18.1750, 0.7008, 1.4363

Square

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



18.1750, -2.1398, -0.2234



18.1750, 0.2790, -0.1736



18.1750, 0.2287, 2.1238



18.1750, -2.1877, 2.0801

Rectangle

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



18.1746, -2.1395, -0.2237



18.1750, -0.7868, -0.7032



18.1750, 0.2287, 2.1238



18.1750, -1.1539, 2.5332

Sweetspot

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



18.1750, -2.1398, -0.2234



24.8503, -1.7864, 0.8974



18.5244, -3.7346, 2.4452



12.9663, -0.9498, 0.4505



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



18.1750, -2.1398, -0.2234



23.5228, -3.1796, -0.7568



17.2397, -0.6084, -1.3906



10.4587, -0.9429, 0.1824



22.3791, -6.9192, -13.0352



56.4446, -15.9533, -36.1123

Inverse Universe

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



17.2808, 1.9680, -0.4644



22.0365, 3.7024, -1.1517



18.5086, -1.1761, 3.1042



10.1692, 0.3721, 0.1030



16.4102, 30.7106, -9.6100



42.1960, 78.6566, -22.3044

Previews

White Background



This preview shows how the HunterLab color 18.1746, -2.1395, -0.2237 looks on a white background.

Color Contrast Check

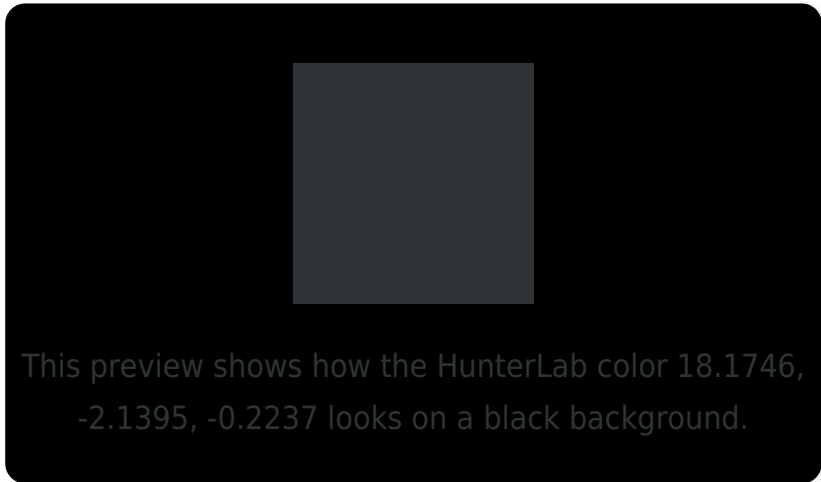
Large Text (above 18pt) WCAG AA ✓ Pass

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

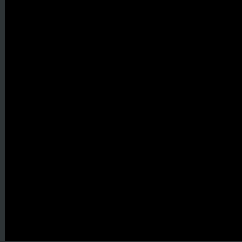
Any Text WCAG AA × Fail

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 18.1746, -2.1395, -0.2237 Background



This preview shows how black text looks on a background with the HunterLab color 18.1746, -2.1395, -0.2237.



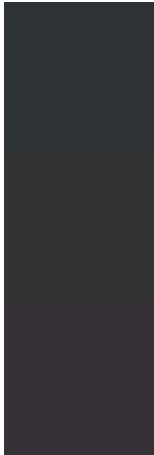
This preview shows how white text looks on a background with the HunterLab color 18.1746, -2.1395, -0.2237.

-0.2237.

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

18.1746, -2.1395, -0.2237

Protanopia

18.2442, -0.7002, 0.2839

Deuteranopia

18.0464, 1.1508, -0.7346



Tritanopia

18.2273, -1.8478, -0.9708

Trichromacy



Original Color

18.1746, -2.1395, -0.2237

Protanomaly

18.1043, -1.1865, 0.1046

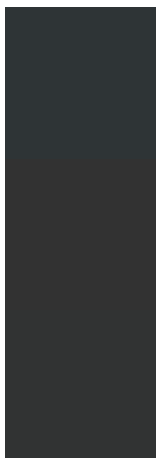
Deuteranomaly

18.0578, -0.0146, -0.7405

Tritanomaly

18.2007, -1.9949, -0.5940

Monochromacy



Original Color

18.1746, -2.1395, -0.2237

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.0545, -1.4606, 0.8143

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1746, -2.1395, -0.2237 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(46, 52, 54)` looks like.

```
.text, #text, p{  
    color:rgb(46, 52, 54)  
}
```

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(46, 52, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 52, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1746, -2.1395, -0.2237 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(46, 52, 54) }
```


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

```
.border{ border-color:rgb(46, 52, 54) }
```

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

Here you see how a box with a 4 pixel rgb(46, 52, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 52, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 52, 54);  
box-shadow:4px 4px 4px 4px rgb(46, 52, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1746, -2.1395, -0.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 52, 54) }
```

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

```
.background{ background-color: rgb(46, 52,  
54) }
```

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