

Converting Colors

HunterLab(17.8309, -2.4881,
2.3834)

Have a look what the booklet for
HunterLab(17.8309, -2.4881, 2.3834)
contains.

HunterLab(17.8024, -2.5854, 2.3160)	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(17.8024, -2.5854,
2.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	2F332E
RGB	47, 51, 46
RGB Percent	18%, 20%, 18%
CMY	0.8157, 0.8000, 0.8196
CMYK	0.08, 0.00, 0.10, 0.80
HSL	108°, 5%, 19%
HSV	108°, 10%, 20%
XYZ	2.8493, 3.1693, 3.0463
YIQ	49.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

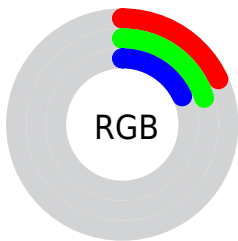
Format	Color
R_{YB}	46, 51, 50
Decimal	3093294
CIE Lab	20.71, -2.91, 2.58
CIE LCh	21, 3.885, 138.460
Yxy	3.1694, 0.3143, 0.3496
Android (android.graphics.Color)	4281283374 (0xFF2F332E)
YUV	49.2340, -1.5944, -1.9592
Hunter-Lab	17.8024, -2.5854, 2.3160

Details

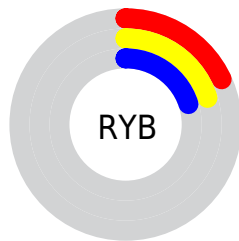
The HunterLab color **17.8024, -2.5854, 2.3160** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.9447, 0.7917, -0.5044**, and the grayscale version is **17.6091, -0.9396, 0.9567**.

A 20% lighter version of the original color is **34.1310, -3.6618, 3.3784**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.4328, -4.1383, 3.5657**, and if you desaturate by 10%, it is **18.2033, -0.9379, 0.9613**.

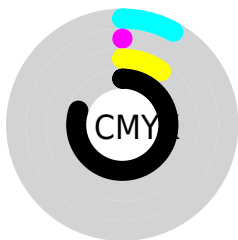
Distribution



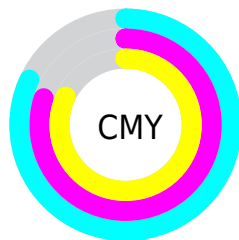
- Red (18%)
- Green (20%)
- Blue (18%)



- Red (18%)
- Yellow (20%)
- Blue (20%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8024, -2.5854, 2.3160 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 17.8024, -2.5854, 2.3160 by changing the saturation by 10% instead.

■ 17.8024, -2.5854,
2.3160

■ 17.8024, -2.5854,
2.3160

■ 114.1639, -9.1752,
8.7912

■ 11.0490, -1.9751,
1.7329

■ 34.1823, -3.8711,
3.5596

■ 2.8034, -4.6700,
1.9624

■ 43.6112, -4.5517,
4.2239

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7762, -5.2585,
4.9168

0.0000, NaN, NaN

■ 64.6273, -5.9914,
5.6380

0.0000, NaN, NaN

■ 76.1236, -6.7501,
6.3867

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.2308, -7.5339,

100.9194, -8.3425,
7.9640

■ 17.8024, -2.5854,
2.3160

■ 17.8024, -2.5854,
2.3160

■ 17.4328, -4.1383,
3.5657

■ 18.2033, -0.9379,
0.9613

■ 17.0943, -5.5859,
4.7019

■ 18.6335, 0.7956,
-0.4910

■ 16.7876, -6.9193,
5.7179

■ 19.0924, 2.6051,
-2.0323

■ 16.5134, -8.1301,
6.6079

■ 19.5788, 4.4817,
-3.6541

■ 16.2716, -9.2111,
7.3678

■ 20.0918, 6.4167,
-5.3486

■ 16.0621, -10.1570,
7.9957

■ 20.6300, 8.4023,
-7.1081

■ 15.8846, -10.9645,
8.4921

■ 21.1924, 10.4314,
-8.9256

■ 15.7334, -11.6610,
8.9281

■ 21.7779, 12.4975,
-10.7946

■ 15.6023, -12.2818,
9.3882

■ 22.3852, 14.5951,
-12.7092

Harmonies

Analogous

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



17.8028, -1.6499, 2.8620



17.8024, -2.5854, 2.3160



17.8028, -3.0788, 1.3873

Triad

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



17.8028, -2.5858, 2.3163



17.8028, -1.3938, -1.2319



17.8028, 1.2091, 1.6263

Complementary

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



17.8024, -2.5854, 2.3160



16.9447, 0.7917, -0.5044

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.



17.8028, 1.2820, 0.5404



17.8024, -2.5854, 2.3160



17.8028, -0.2409, -1.1577

Square

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



17.8028, -2.5858, 2.3163



17.8028, -2.4024, -0.6891



17.8028, 0.7453, -0.4924



17.8028, 0.5487, 2.4816

Rectangle

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



17.8024, -2.5854, 2.3160



17.8028, -3.0986, 0.6548



17.8028, 0.7453, -0.4924



17.8028, 1.3038, 1.2776

Sweetspot

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



17.8028, -2.5858, 2.3163



23.2792, -1.9332, 1.8384



17.8394, -1.2097, 2.3805



12.2796, -1.0690, 1.0104



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.



17.8028, -2.5858, 2.3163



22.8017, -3.9098, 3.4534



17.7706, -2.6330, 1.7536



9.8292, -1.2829, 1.1604



27.0435, -21.9822, 16.2792



70.7231, -58.7529, 42.5507

Inverse Universe

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



16.9447, 0.7917, -0.5044



21.3816, 1.6813, -1.2167



16.9820, 0.8410, 0.1394



9.4325, 0.2782, -0.1432



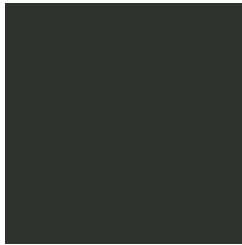
14.4243, 29.7314, -29.6664



37.3219, 77.3027, -79.6639

Previews

White Background



This preview shows how the HunterLab color 17.8024, -2.5854, 2.3160 looks on a white background.

Color Contrast Check

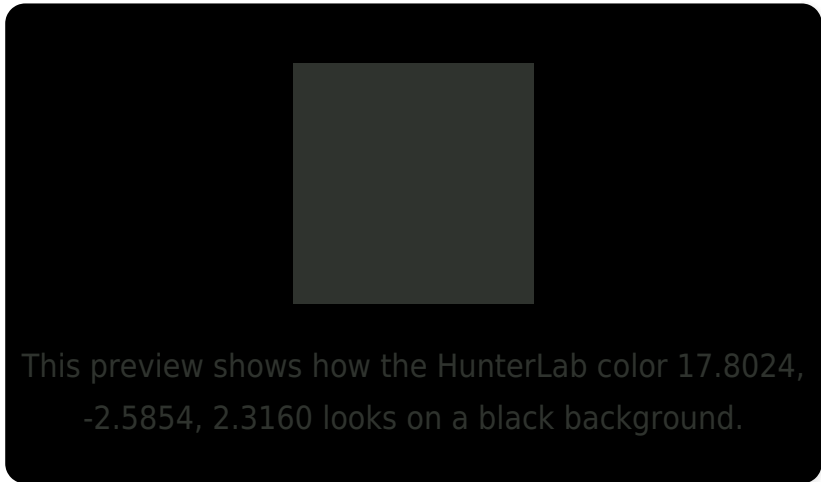
Large Text (above 18pt) WCAG AA ✓ Pass

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

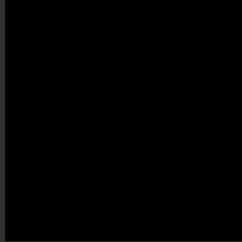
Any Text WCAG AA × Fail

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 17.8024, -2.5854, 2.3160 Background



This preview shows how black text looks on a background with the HunterLab color 17.8024, -2.5854, 2.3160.

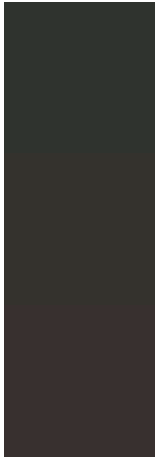


This preview shows how white text looks on a background with the HunterLab color 17.8024, -2.5854,

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

17.8024, -2.5854, 2.3160

Protanopia

17.8906, -1.0730, 2.7778

Deuteranopia

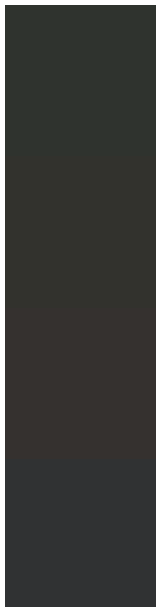
17.7761, 1.0342, 2.0017



Tritanopia

17.8211, -0.8841, -0.6453

Trichromacy



Original Color

17.8024, -2.5854, 2.3160

Protanomaly

17.7448, -1.5832, 2.6114

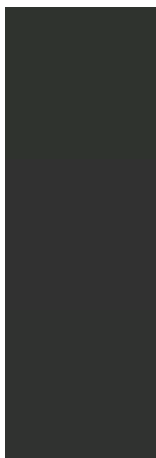
Deuteranomaly

17.7729, -0.1728, 1.9770

Tritanomaly

17.7443, -1.3057, 0.4461

Monochromacy



Original Color

17.8024, -2.5854, 2.3160

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.6720, -1.7042, 1.4779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8024, -2.5854, 2.3160 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(47, 51, 46)` looks like.

```
.text, #text, p{  
    color:rgb(47, 51, 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(47, 51, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 51, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8024, -2.5854, 2.3160 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(47, 51, 46) }
```


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

```
.border{ border-color:rgb(47, 51, 46) }
```

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

Here you see how a box with a 4 pixel rgb(47, 51, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 51, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 51, 46);  
box-shadow:4px 4px 4px 4px rgb(47, 51, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8024, -2.5854, 2.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 51, 46) }
```

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

```
.background{ background-color: rgb(47, 51,  
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