

Converting Colors

HunterLab(18.4611, -1.1770,
2.1064)

Have a look what the booklet for
HunterLab(18.4611, -1.1770, 2.1064)
contains.

HunterLab(18.5327, -1.1241, 2.1041)	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(18.5327, -1.1241,
2.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	353431
RGB	53, 52, 49
RGB Percent	21%, 20%, 19%
CMY	0.7922, 0.7961, 0.8078
CMYK	0.00, 0.02, 0.08, 0.79
HSL	45°, 4%, 20%
HSV	45°, 8%, 21%
XYZ	3.2506, 3.4346, 3.3973
YIQ	51.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

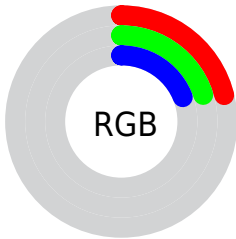
Format	Color
R_{YB}	50, 53, 49
Decimal	3486769
CIE Lab	21.71, -0.23, 2.05
CIE LCh	22, 2.061, 96.474
Yxy	3.4348, 0.3224, 0.3407
Android (android.graphics.Color)	4281676849 (0xFF353431)
YUV	51.9570, -1.4578, 0.9147
Hunter-Lab	18.5327, -1.1241, 2.1041

Details

The HunterLab color **18.5327, -1.1241, 2.1041** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.8638, -0.7870, -0.1853**, and the grayscale version is **18.5212, -0.9882, 1.0063**.

A 20% lighter version of the original color is **34.9489, -2.0221, 3.1331**, and **4.2903, -0.4041, 2.2397** is the 20% darker color. If you saturate the color by 10%, you get **18.1001, -1.2313, 3.4225**, and if you desaturate by 10%, it is **18.9789, -0.9617, 0.6591**.

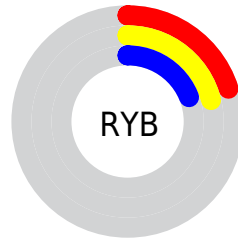
Distribution



Red (21%)

Green (20%)

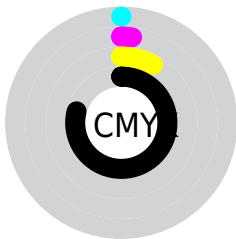
Blue (19%)



Red (20%)

Yellow (21%)

Blue (19%)

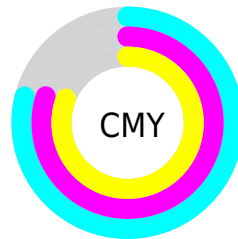


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (79%)



Cyan (79%)

Magenta (80%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5327, -1.1241, 2.1041 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 18.5327, -1.1241, 2.1041 by changing the saturation by 10% instead.

■ 18.5327, -1.1241,
2.1041

■ 18.5327, -1.1241,
2.1041

■ 115.5143, -6.4179,
8.3496

■ 11.6735, -0.7389,
1.5638

■ 35.0879, -2.0408,
3.2803

■ 4.3473, -0.4652,
2.1896

■ 44.5928, -2.5624,
3.9162

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.8282, -3.1219,
4.5831

0.0000, NaN, NaN

■ 65.7454, -3.7171,
5.2801

0.0000, NaN, NaN

■ 77.3041, -4.3459,
6.0061

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4705, -5.0066,

102.2156, -5.6977,
7.5417

■ 18.5327, -1.1241,
2.1041

■ 18.5327, -1.1241,
2.1041

■ 18.1001, -1.2313,
3.4225

■ 18.9789, -0.9617,
0.6591

■ 17.6801, -1.2801,
4.6085

■ 19.4370, -0.7446,
-0.9079

■ 17.2735, -1.2697,
5.6576

■ 19.9072, -0.4754,
-2.5912

■ 16.8806, -1.1988,
6.5660

■ 20.3890, -0.1559,
-4.3854

■ 16.5017, -1.0667,
7.3305

■ 20.8820, 0.2115,
-6.2849

■ 16.1368, -0.8734,
7.9493

■ 21.3859, 0.6247,
-8.2845

■ 15.7860, -0.6192,
8.4220

■ 21.9002, 1.0817,
-10.3788

■ 15.4470, -0.3186,
8.7853

■ 22.4247, 1.5804,
-12.5630

■ 15.1113, -0.0180,
9.1647

■ 22.9590, 2.1187,
-14.8323

Harmonies

Analogous

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



18.5331, -0.5099, 2.0222



18.5327, -1.1241, 2.1041



18.5331, -1.6957, 1.9008

Triad

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



18.5331, -1.1246, 2.1044



18.5331, -1.9421, 0.3194



18.5331, 0.1199, 0.5487

Complementary

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



18.5327, -1.1241, 2.1041



17.8638, -0.7870, -0.1853

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.



18.5331, -0.2733, 0.0701



18.5327, -1.1241, 2.1041



18.5331, -1.4650, -0.0653

Square

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



18.5331, -1.1246, 2.1044



18.5331, -2.1637, 0.8800



18.5331, -0.8548, -0.1580



18.5331, 0.2139, 1.1367

Rectangle

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



18.5327, -1.1241, 2.1041



18.5331, -1.9767, 1.6264



18.5331, -0.8548, -0.1580



18.5331, 0.0181, 0.3691

Sweetspot

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



18.5331, -1.1246, 2.1044



24.2207, -1.3452, 1.7194



17.8433, 0.2087, 0.9715



13.1299, -0.7254, 0.9025



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.



18.5331, -1.1246, 2.1044



23.8016, -1.4827, 3.0523



18.7031, -1.7730, 2.2822



9.8193, -0.6010, 1.1613



24.7922, 0.8856, 15.2923



63.8571, 4.4591, 39.4265

Inverse Universe

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



17.8638, -0.7870, -0.1853



22.7215, -0.9375, -0.6436



17.6969, -0.1418, -0.3821



9.4355, -0.4074, -0.1515



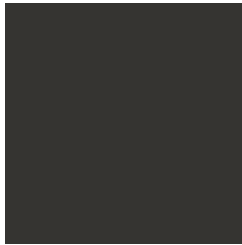
11.4464, 12.8114, -41.9632



27.6516, 40.8002, -122.6379

Previews

White Background



This preview shows how the HunterLab color 18.5327, -1.1241, 2.1041 looks on a white background.

Color Contrast Check

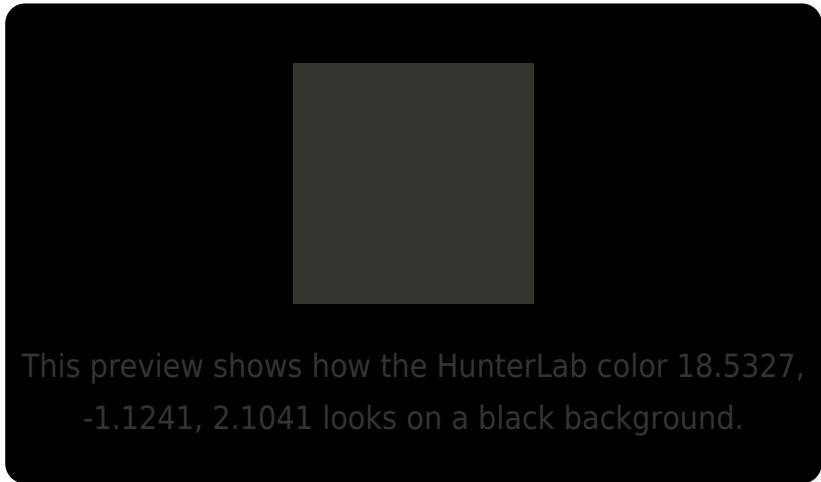
Large Text (above 18pt) WCAG AA ✓ Pass

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

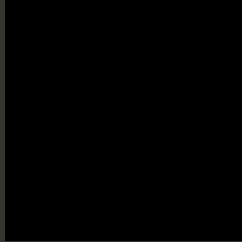
Any Text WCAG AA × Fail

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 18.5327, -1.1241, 2.1041 Background



This preview shows how black text looks on a background with the HunterLab color 18.5327, -1.1241, 2.1041.

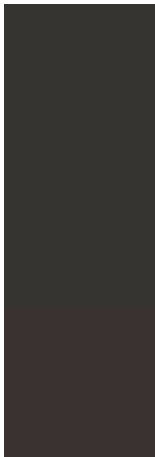


This preview shows how white text looks on a background with the HunterLab color 18.5327, -1.1241,

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

18.5327, -1.1241, 2.1041

Protanopia

18.6065, -0.8675, 2.1908

Deuteranopia

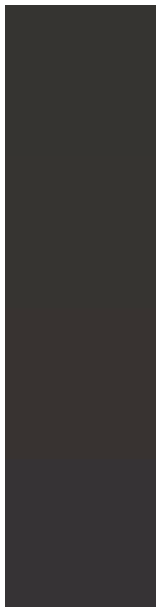
18.4459, 1.0076, 2.0441



Tritanopia

18.5142, 0.3296, -0.1607

Trichromacy



Original Color

18.5327, -1.1241, 2.1041

Protanomaly

18.6065, -0.8675, 2.1908

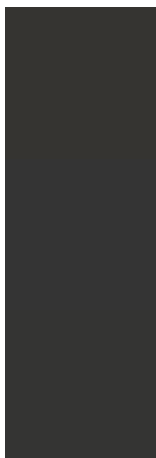
Deuteranomaly

18.5207, 0.0597, 2.1113

Tritanomaly

18.4634, 0.0544, 0.5621

Monochromacy



Original Color

18.5327, -1.1241, 2.1041

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.5069, -1.1207, 1.3505

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5327, -1.1241, 2.1041 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(53, 52, 49)` looks like.

```
.text, #text, p{  
    color:rgb(53, 52, 49)  
}
```

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(53, 52, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 52, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5327, -1.1241, 2.1041 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(53, 52, 49) }
```


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

```
.border{ border-color:rgb(53, 52, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 52, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 52, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 52, 49);  
box-shadow:4px 4px 4px 4px rgb(53, 52, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5327, -1.1241, 2.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 52, 49) }
```

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

```
.background{ background-color: rgb(53, 52,  
49) }
```

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