

Converting Colors

HunterLab(18.2338, 1.1812,
4.1330)

Have a look what the booklet for
HunterLab(18.2338, 1.1812, 4.1330)
contains.

HunterLab(18.2331, 1.1791, 4.1328)	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(18.2331, 1.1791,
4.1328)**

Conversions

Conversions Part 1

Format	Color
Hex	3C312A
RGB	60, 49, 42
RGB Percent	24%, 19%, 16%
CMY	0.7647, 0.8078, 0.8353
CMYK	0.00, 0.18, 0.30, 0.76
HSL	23°, 18%, 20%
HSV	23°, 30%, 24%
XYZ	3.3797, 3.3245, 2.6540
YIQ	51.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

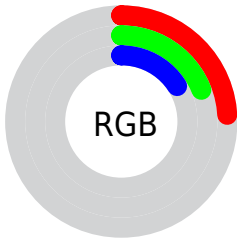
Format	Color
RYB	60, 53, 42
Decimal	3944746
CIELab	21.30, 3.65, 6.32
CIELCh	21, 7.296, 60.024
Yxy	3.3246, 0.3611, 0.3552
Android (android.graphics.Color)	4282134826 (0xFF3C312A)
YUV	51.4910, -4.6791, 7.4624
Hunter-Lab	18.2331, 1.1791, 4.1328

Details

The HunterLab color **18.2331, 1.1791, 4.1328** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.3428, -2.4824, -2.5588**, and the grayscale version is **18.3732, -0.9803, 0.9983**.

A 20% lighter version of the original color is **34.7285, 0.8874, 6.0212**, and **3.9189, 3.8639, 2.4824** is the 20% darker color. If you saturate the color by 10%, you get **17.2931, 2.0777, 4.9698**, and if you desaturate by 10%, it is **19.2097, 0.3463, 3.2121**.

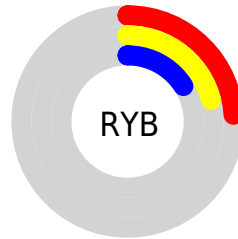
Distribution



 Red (24%)

 Green (19%)

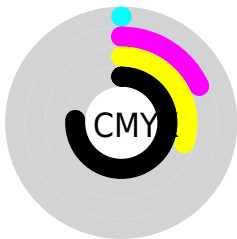
 Blue (16%)



 Red (24%)

 Yellow (21%)

 Blue (16%)

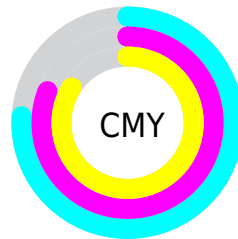


 Cyan (0%)

 Magenta (18%)

 Yellow (30%)

 Black (76%)



 Cyan (76%)

 Magenta (81%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.2331, 1.1791, 4.1328 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 18.2331, 1.1791, 4.1328 by changing the saturation by 10% instead.

■ 18.2331, 1.1791,
4.1328

■ 18.2331, 1.1791,
4.1328

■ 114.9619, -2.2269,
12.4862

■ 11.4169, 1.2468,
3.2131

■ 34.7169, 0.7925,
5.9218

■ 3.7932, 3.9852,
2.6552

■ 44.1909, 0.5019,
6.8178

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.3976, 0.1571,
7.7238

0.0000, NaN, NaN

■ 65.2878, -0.2365,
8.6433

0.0000, NaN, NaN

■ 76.8210, -0.6748,
9.5782

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.9632, -1.1544,

10.5299

0.0000, NaN, NaN

101.6853, -1.6725,
11.4990

18.2331, 1.1791,
4.1328

18.2331, 1.1791,
4.1328

17.2931, 2.0777,
4.9698

19.2097, 0.3463,
3.2121

16.3920, 3.0472,
5.7112

20.2185, -0.4231,
2.2165

15.5340, 4.0890,
6.3452

21.2572, -1.1343,
1.1549

14.7233, 5.2026,
6.8589

22.3233, -1.7918,
0.0344

13.9645, 6.3841,
7.2398

23.4148, -2.4001,
-1.1385

■ 13.2586, 7.6063,
7.5325

■ 24.5297, -2.9636,
-2.3586

■ 12.5976, 8.7961,
7.9165

■ 25.6663, -3.4862,
-3.6212

■ 12.5975, 8.7961,
7.9165

■ 26.8232, -3.9715,
-4.9224

■ 27.9989, -4.4229,
-6.2588

Harmonies

Analogous

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



18.2335, 2.8177, 2.8855



18.2331, 1.1791, 4.1328



18.2335, -0.9756, 4.5615

Triad

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



18.2335, 1.1785, 4.1331



18.2335, -4.9972, 0.9908



18.2335, 1.1817, -2.8282

Complementary

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



18.2331, 1.1791, 4.1328



18.3428, -2.4824, -2.5588

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.



18.2335, -0.9721, -3.4856



18.2331, 1.1791, 4.1328



18.2335, -4.4789, -1.1281

Square

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



18.2335, 1.1785, 4.1331



18.2335, -4.4806, 2.8829



18.2335, -3.0308, -2.8302



18.2335, 2.8197, -1.1248

Rectangle

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



18.2331, 1.1791, 4.1328



18.2335, -2.3937, 4.3697



18.2335, -3.0308, -2.8302



18.2335, 0.4908, -3.1872

Sweetspot

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



18.2335, 1.1785, 4.1331



26.6897, -0.6122, 2.8403



16.9546, 5.4552, -1.2779



14.0944, -0.2899, 1.5531



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.2335, 1.1785, 4.1331



23.0399, 2.4573, 6.3013



20.3565, -2.3956, 6.1216



11.1011, -0.2922, 1.1208



19.2425, 15.5304, 12.1290



47.1258, 44.1520, 29.8117

Inverse Universe

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



18.3428, -2.4824, -2.5588



23.2172, -3.5434, -4.6702



16.2091, 1.0910, -5.6300



11.1186, -0.8673, 0.0698



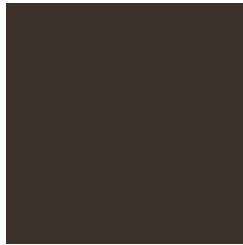
19.5076, -1.8228, -20.4478



47.6966, -1.4856, -56.4095

Previews

White Background



This preview shows how the HunterLab color 18.2331, 1.1791, 4.1328 looks on a white background.

Color Contrast Check

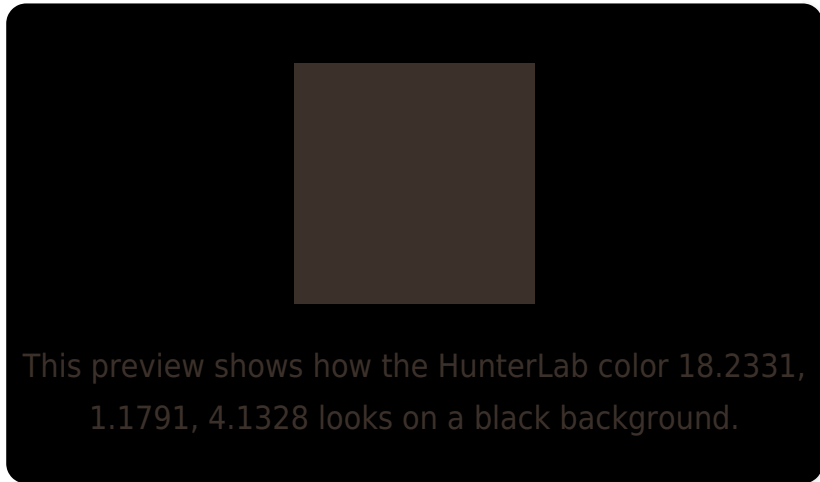
Large Text (above 18pt) WCAG AA ✓ Pass

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

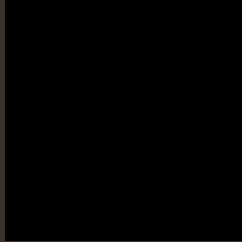
Any Text WCAG AA × Fail

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 18.2331, 1.1791, 4.1328 Background



This preview shows how black text looks on a background with the HunterLab color 18.2331, 1.1791, 4.1328.



This preview shows how white text looks on a background with the HunterLab color 18.2331, 1.1791,

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

18.2331, 1.1791, 4.1328

Protanopia

18.2383, -1.1737, 3.7879

Deuteranopia

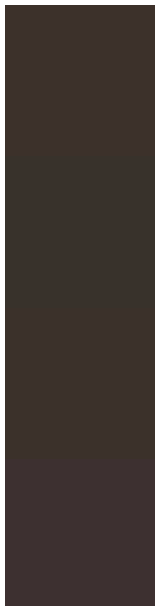
18.1483, 0.8935, 4.0423



Tritanopia

18.2894, 2.9233, 1.1679

Trichromacy



Original Color

18.2331, 1.1791, 4.1328

Protanomaly

18.1559, -0.2380, 3.7199

Deuteranomaly

18.1483, 0.8935, 4.0423

Tritanomaly

18.2192, 2.5532, 2.1714

Monochromacy



Original Color

18.2331, 1.1791, 4.1328

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.1077, -0.1889, 1.9986

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2331, 1.1791, 4.1328 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(60, 49, 42)` looks like.

```
.text, #text, p{  
    color:rgb(60, 49, 42)  
}
```

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(60, 49, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 49, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2331, 1.1791, 4.1328 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(60, 49, 42) }
```


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

```
.border{ border-color:rgb(60, 49, 42) }
```

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

Here you see how a box with a 4 pixel rgb(60, 49, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 49, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 49, 42);  
box-shadow:4px 4px 4px 4px rgb(60, 49, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.2331, 1.1791, 4.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 49, 42) }
```

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

```
.background{ background-color: rgb(60, 49,  
42) }
```

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](#).

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