

Converting Colors

HunterLab(18.1463, -1.2365,
1.6805)

Have a look what the booklet for
HunterLab(18.1463, -1.2365, 1.6805)
contains.

HunterLab(18.1472, -1.2314, 1.6672)	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(18.1472, -1.2314,
1.6672)**

Conversions

Conversions Part 1

Format	Color
Hex	333331
RGB	51, 51, 49
RGB Percent	20%, 20%, 19%
CMY	0.8000, 0.8000, 0.8078
CMYK	0.00, 0.00, 0.04, 0.80
HSL	60°, 2%, 20%
HSV	60°, 4%, 20%
XYZ	3.1034, 3.2932, 3.3778
YIQ	50.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

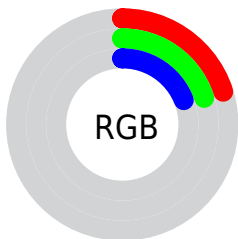
Format	Color
R_{YB}	49, 51, 49
Decimal	3355441
CIE _{Lab}	21.18, -0.46, 1.26
CIE _{LCh}	21, 1.344, 109.866
Yxy	3.2934, 0.3175, 0.3369
Android (android.graphics.Color)	4281545521 (0xFF333331)
YUV	50.7720, -0.8736, 0.2000
Hunter-Lab	18.1472, -1.2314, 1.6672

Details

The HunterLab color **18.1472, -1.2314, 1.6672** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.5746, -0.6656, 0.2512**, and the grayscale version is **18.1212, -0.9669, 0.9846**.

A 20% lighter version of the original color is **34.5210, -2.1372, 2.6397**, and **3.7815, -0.8429, 1.8652** is the 20% darker color. If you saturate the color by 10%, you get **18.0351, -1.8516, 3.2794**, and if you desaturate by 10%, it is **18.2728, -0.5469, -0.1143**.

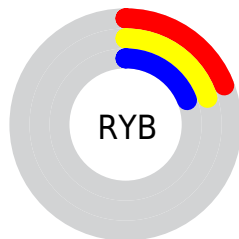
Distribution



Red (20%)

Green (20%)

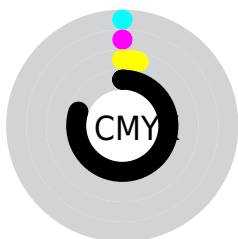
Blue (19%)



Red (19%)

Yellow (20%)

Blue (19%)

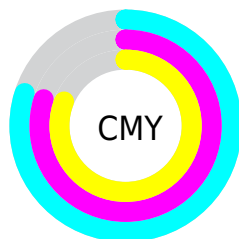


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1472, -1.2314, 1.6672 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 18.1472, -1.2314, 1.6672 by changing the saturation by 10% instead.

■ 18.1472, -1.2314,
1.6672

■ 18.1472, -1.2314,
1.6672

■ 114.8031, -6.6183,
7.5238

■ 11.3434, -0.8301,
1.1943

■ 34.6104, -2.1745,
2.7327

■ 3.6180, -0.7435,
1.6457

■ 44.0754, -2.7075,
3.3209

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.2738, -3.2777,
3.9436

0.0000, NaN, NaN

■ 65.1563, -3.8828,
4.5993

0.0000, NaN, NaN

■ 76.6822, -4.5209,
5.2863

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.8174, -5.1904,

101.5328, -5.8900,
6.7497

■ 18.1472, -1.2314,
1.6672

■ 18.1472, -1.2314,
1.6672

■ 18.0351, -1.8516,
3.2794

■ 18.2728, -0.5469,
-0.1143

■ 17.9350, -2.4060,
4.7212

■ 18.4108, 0.2028,
-2.0647

■ 17.8471, -2.8956,
5.9941

■ 18.5617, 1.0163,
-4.1817

■ 17.7710, -3.3211,
7.1002

■ 18.7257, 1.8926,
-6.4621

■ 17.7064, -3.6840,
8.0430

■ 18.9026, 2.8301,
-8.9021

■ 17.6528, -3.9861,
8.8277

■ 19.0926, 3.8270,
-11.4971

■ 17.6097, -4.2299,
9.4606

■ 19.2955, 4.8815,
-14.2420

■ 17.5757, -4.4218,
9.9584

■ 19.5113, 5.9912,
-17.1313

■ 17.5437, -4.6033,
10.4290

■ 19.7398, 7.1540,
-20.1589

Harmonies

Analogous

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



18.1476, -0.8327, 1.6985



18.1472, -1.2314, 1.6672



18.1476, -1.5579, 1.4566

Triad

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



18.1476, -1.2318, 1.6675



18.1476, -1.4660, 0.4152



18.1476, -0.2002, 0.8576

Complementary

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



18.1472, -1.2314, 1.6672



17.5746, -0.6656, 0.2512

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.



18.1476, -0.3731, 0.5062



18.1472, -1.2314, 1.6672



18.1476, -1.1054, 0.2471

Square

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



18.1476, -1.2318, 1.6675



18.1476, -1.6923, 0.7356



18.1476, -0.7052, 0.2808



18.1476, -0.2348, 1.2365

Rectangle

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



18.1472, -1.2314, 1.6672



18.1476, -1.6911, 1.2397



18.1476, -0.7052, 0.2808



18.1476, -0.2360, 0.7323

Sweetspot

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



18.1476, -1.2318, 1.6675



23.4294, -1.3425, 1.5118



17.6699, -0.4344, 1.1304



12.3720, -0.7017, 0.7796



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.



18.1476, -1.2318, 1.6675



23.3644, -1.6991, 2.4393



18.0767, -1.4800, 1.5822



9.9786, -0.7139, 1.0115



30.5296, -8.2135, 18.6684



80.1216, -21.5586, 48.9932

Inverse Universe

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



17.5746, -0.6656, 0.2512



22.3754, -0.7215, -0.0059



17.6460, -0.4190, 0.3422



9.5824, -0.3223, 0.0319



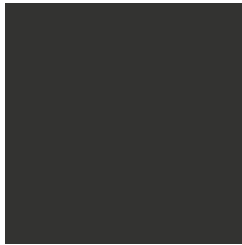
8.5191, 23.1048, -60.5070



22.3549, 60.6347, -158.8181

Previews

White Background



This preview shows how the HunterLab color 18.1472, -1.2314, 1.6672 looks on a white background.

Color Contrast Check

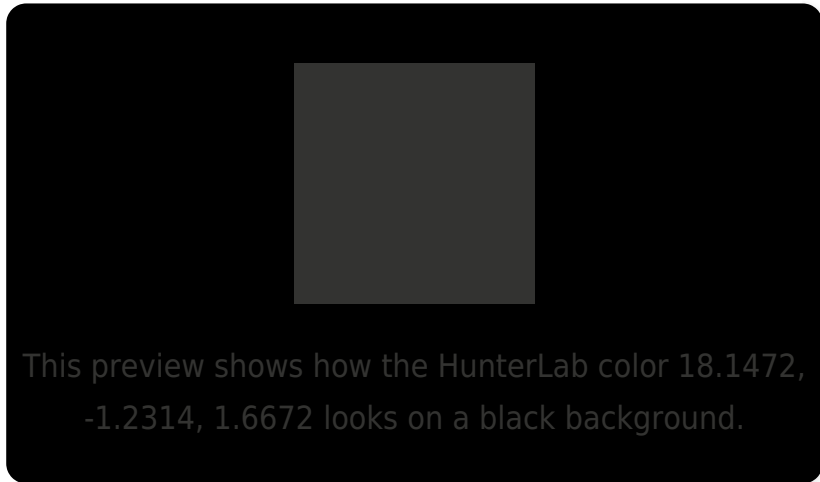
Large Text (above 18pt) WCAG AA ✓ Pass

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

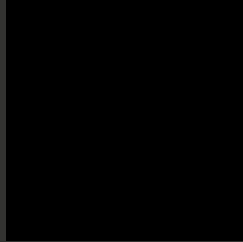
Any Text WCAG AA × Fail

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 18.1472, -1.2314, 1.6672 Background



This preview shows how black text looks on a background with the HunterLab color 18.1472, -1.2314, 1.6672.



This preview shows how white text looks on a background with the HunterLab color 18.1472, -1.2314,

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

18.1472, -1.2314, 1.6672

Protanopia

18.2194, -0.9798, 1.7537

Deuteranopia

18.0531, 0.8736, 1.5965



Tritanopia

18.1042, 0.0916, -0.2723

Trichromacy



Original Color

18.1472, -1.2314, 1.6672

Protanomaly

18.2194, -0.9798, 1.7537

Deuteranomaly

18.1307, -0.0637, 1.6688

Tritanomaly

18.0533, -0.1848, 0.4514

Monochromacy



Original Color

18.1472, -1.2314, 1.6672

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.1707, -1.1024, 1.3311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1472, -1.2314, 1.6672 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(51, 51, 49)` looks like.

```
.text, #text, p{  
    color:rgb(51, 51, 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(51, 51, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 51, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1472, -1.2314, 1.6672 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(51, 51, 49) }
```


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

```
.border{ border-color:rgb(51, 51, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 51, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 51, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 51, 49);  
box-shadow:4px 4px 4px 4px rgb(51, 51, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1472, -1.2314, 1.6672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 51, 49) }
```

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

```
.background{ background-color: rgb(51, 51,  
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](#).

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