

Converting Colors

HunterLab(21.3121, -1.6012,
3.0210)

Have a look what the booklet for
HunterLab(21.3121, -1.6012, 3.0210)
contains.

HunterLab(21.2124, -1.5274, 2.9417)	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(21.2124, -1.5274,
2.9417)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3C37
RGB	61, 60, 55
RGB Percent	24%, 24%, 22%
CMY	0.7608, 0.7647, 0.7843
CMYK	0.00, 0.02, 0.10, 0.76
HSL	50°, 5%, 23%
HSV	50°, 10%, 24%
XYZ	4.2299, 4.4997, 4.2600
YIQ	59.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

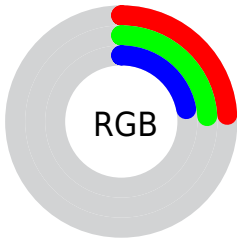
Format	Color
RYB	56, 61, 55
Decimal	4013111
CIELab	25.26, -0.65, 3.24
CIElCh	25, 3.305, 101.393
Yxy	4.4999, 0.3256, 0.3464
Android (android.graphics.Color)	4282203191 (0xFF3D3C37)
YUV	59.7290, -2.3314, 1.1147
Hunter-Lab	21.2124, -1.5274, 2.9417

Details

The HunterLab color **21.2124, -1.5274, 2.9417** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.9435, -0.6034, -0.8467**, and the grayscale version is **21.1713, -1.1297, 1.1503**.

A 20% lighter version of the original color is **38.2921, -2.4941, 4.0883**, and **7.7151, -0.8857, 2.3054** is the 20% darker color. If you saturate the color by 10%, you get **20.8316, -1.8375, 4.5654**, and if you desaturate by 10%, it is **21.6088, -1.1458, 1.1428**.

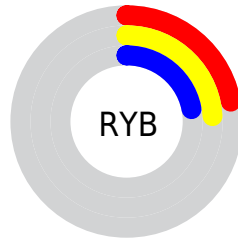
Distribution



Red (24%)

Green (24%)

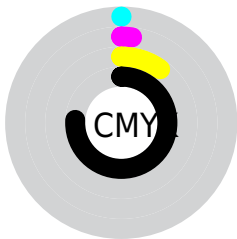
Blue (22%)



Red (22%)

Yellow (24%)

Blue (22%)

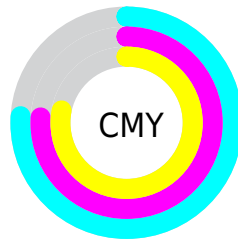


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2124, -1.5274, 2.9417 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 21.2124, -1.5274, 2.9417 by changing the saturation by 10% instead.

■ 21.2124, -1.5274,
2.9417

■ 21.2124, -1.5274,
2.9417

■ 120.3675, -7.1352,
9.8420

■ 13.9890, -1.0905,
2.2943

■ 38.3772, -2.5316,
4.2999

■ 7.6306, -0.7804,
2.1755

■ 48.1479, -3.0915,
5.0158

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.6306, -3.6868,
5.7573

0.0000, NaN, NaN

■ 69.7799, -4.3156,
6.5244

0.0000, NaN, NaN

■ 81.5580, -4.9762,
7.3169

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.9331, -5.6671,

8.1343

0.0000, NaN, NaN

106.8776, -6.3872,
8.9762

■ 21.2124, -1.5274,
2.9417

■ 21.2124, -1.5274,
2.9417

■ 20.8316, -1.8375,
4.5654

■ 21.6088, -1.1458,
1.1428

■ 20.4653, -2.0730,
6.0085

■ 22.0194, -0.6926,
-0.8273

■ 20.1140, -2.2337,
7.2682

■ 22.4442, -0.1704,
-2.9626

■ 19.7777, -2.3193,
8.3424

■ 22.8831, 0.4186,
-5.2569

■ 19.4563, -2.3301,
9.2308

■ 23.3356, 1.0722,
-7.7038

■ 19.1497, -2.2672,
9.9348

■ 23.8016, 1.7879,
-10.2968

■ 18.8575, -2.1326,
10.4584

■ 24.2807, 2.5632,
-13.0292

■ 18.5768, -1.9430,
10.8447

■ 24.7725, 3.3956,
-15.8944

■ 18.2980, -1.7517,
11.2352

■ 25.2767, 4.2825,
-18.8858

Harmonies

Analogous

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



21.2129, -0.4889, 2.8853



21.2124, -1.5274, 2.9417



21.2129, -2.4436, 2.5374

Triad

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



21.2129, -1.5279, 2.9420



21.2129, -2.6175, -0.1467



21.2129, 0.8025, 0.5365

Complementary

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



21.2124, -1.5274, 2.9417



19.9435, -0.6034, -0.8467

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.



21.2129, 0.2102, -0.3279



21.2124, -1.5274, 2.9417



21.2129, -1.7695, -0.7353

Square

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



21.2129, -1.5279, 2.9420



21.2129, -3.0645, 0.7741



21.2129, -0.7351, -0.8031



21.2129, 0.8702, 1.5283

Rectangle

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



21.2124, -1.5274, 2.9417



21.2129, -2.8661, 2.0485



21.2129, -0.7351, -0.8031



21.2129, 0.6576, 0.2202

Sweetspot

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



21.2129, -1.5279, 2.9420



27.8174, -1.6576, 2.2735



20.0251, 0.6515, 1.2732



14.7254, -0.8925, 1.2707



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.



21.2129, -1.5279, 2.9420



27.3406, -2.0966, 4.4009



21.3147, -2.4460, 3.0370



11.4015, -0.7927, 1.4476



28.1770, -2.2875, 17.3225



70.8332, -4.4796, 43.5687

Inverse Universe

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



19.9435, -0.6034, -0.8467



25.2504, -0.5722, -1.8423



19.8475, 0.3050, -0.9534



10.8172, -0.3674, -0.2956



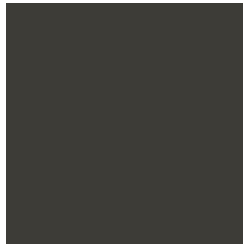
10.8457, 17.5085, -51.3521



25.6597, 51.2603, -142.7286

Previews

White Background



This preview shows how the HunterLab color 21.2124, -1.5274, 2.9417 looks on a white background.

Color Contrast Check

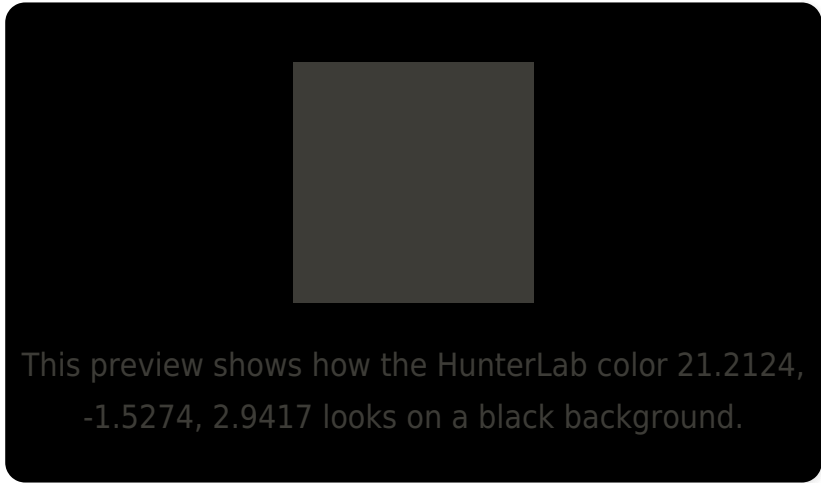
Large Text (above 18pt) WCAG AA ✓ Pass

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

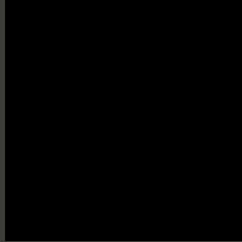
Any Text WCAG AA × Fail

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 21.2124, -1.5274, 2.9417 Background



This preview shows how black text looks on a background with the HunterLab color 21.2124, -1.5274, 2.9417.



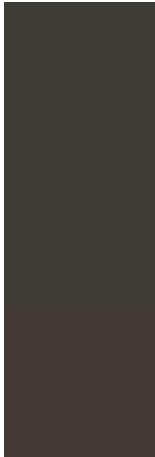
This preview shows how white text looks on a background with the HunterLab color 21.2124, -1.5274,

2.9417.

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

21.2124, -1.5274, 2.9417

Protanopia

21.2878, -1.2643, 3.0285

Deuteranopia

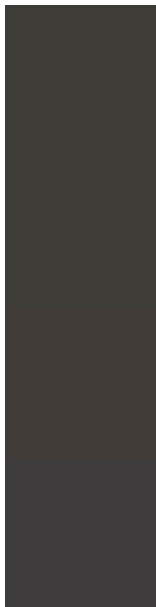
21.2020, 0.9285, 2.9733



Tritanopia

21.2390, 0.2125, -0.0366

Trichromacy



Original Color

21.2124, -1.5274, 2.9417

Protanomaly

21.2878, -1.2643, 3.0285

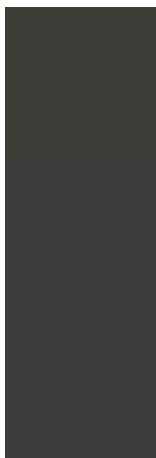
Deuteranomaly

21.2781, -0.0443, 3.0393

Tritanomaly

21.1620, -0.2051, 1.0591

Monochromacy



Original Color

21.2124, -1.5274, 2.9417

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.2082, -1.4023, 1.8530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2124, -1.5274, 2.9417 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(61, 60, 55)` looks like.

```
.text, #text, p{  
    color:rgb(61, 60, 55)  
}
```

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(61, 60, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 60, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2124, -1.5274, 2.9417 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(61, 60, 55) }
```


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

```
.border{ border-color:rgb(61, 60, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 60, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 60, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 60, 55);  
box-shadow:4px 4px 4px 4px rgb(61, 60, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2124, -1.5274, 2.9417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 60, 55) }
```

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

```
.background{ background-color: rgb(61, 60,  
55) }
```

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