

Converting Colors

HunterLab(21.1197, -4.9532,
6.3406)

Have a look what the booklet for
HunterLab(21.1197, -4.9532, 6.3406)
contains.

HunterLab(21.1373, -4.8314, 6.2562)	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(21.1373, -4.8314,
6.2562)**

Conversions

Conversions Part 1

Format	Color
Hex	383E2C
RGB	56, 62, 44
RGB Percent	22%, 24%, 17%
CMY	0.7804, 0.7569, 0.8274
CMYK	0.10, 0.00, 0.29, 0.76
HSL	80°, 17%, 21%
HSV	80°, 29%, 24%
XYZ	3.8081, 4.4679, 3.0445
YIQ	58.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

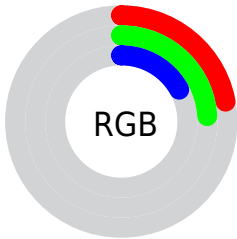
Format	Color
R_{YB}	44, 62, 50
Decimal	3685932
CIE _{Lab}	25.16, -6.33, 10.26
CIE _{LCh}	25, 12.059, 121.661
Yxy	4.4681, 0.3364, 0.3947
Android (android.graphics.Color)	4281876012 (0xFF383E2C)
YUV	58.1540, -6.9779, -1.8891
Hunter-Lab	21.1373, -4.8314, 6.2562

Details

The HunterLab color **21.1373, -4.8314, 6.2562** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.8149, 3.3312, -5.6511**, and the grayscale version is **20.6455, -1.1016, 1.1217**.

A 20% lighter version of the original color is **38.1563, -6.3900, 8.3695**, and **7.6057, -3.8808, 4.6187** is the 20% darker color. If you saturate the color by 10%, you get **20.8962, -5.9267, 7.6172**, and if you desaturate by 10%, it is **21.3987, -3.6504, 4.6978**.

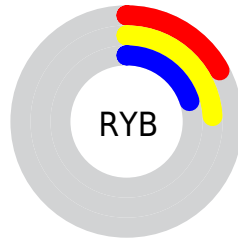
Distribution



Red (22%)

Green (24%)

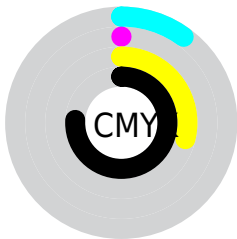
Blue (17%)



Red (17%)

Yellow (24%)

Blue (20%)

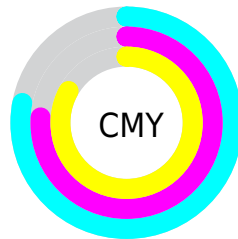


Cyan (10%)

Magenta (0%)

Yellow (29%)

Black (76%)



Cyan (78%)

Magenta (76%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1373, -4.8314, 6.2562 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 21.1373, -4.8314, 6.2562 by changing the saturation by 10% instead.

■ 21.1373, -4.8314,
6.2562

■ 21.1373, -4.8314,
6.2562

■ 120.2335,
-13.1969, 16.6414

■ 13.9236, -3.9284,
4.9881

■ 38.2857, -6.6122,
8.6217

■ 7.5596, -4.0524,
5.2917

■ 48.0492, -7.5097,
9.7674

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.5252, -8.4186,
10.9049

0.0000, NaN, NaN

■ 69.6682, -9.3416,
12.0408

0.0000, NaN, NaN

■ 81.4404, -10.2801,
13.1797

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.8098, -11.2351,

106.7488,
-12.2073, 15.4781

■ 21.1373, -4.8314,
6.2562

■ 21.1373, -4.8314,
6.2562

■ 20.8962, -5.9267,
7.6172

■ 21.3987, -3.6504,
4.6978

■ 20.6738, -6.9328,
8.7800

■ 21.6789, -2.3846,
2.9432

■ 20.4704, -7.8495,
9.7465

■ 21.9785, -1.0374,
0.9960

■ 20.2855, -8.6766,
10.5210

■ 22.2972, 0.3877,
-1.1391

■ 20.1186, -9.4153,
11.1100

■ 22.6350, 1.8870,
-3.4564

■ 19.9673, -10.0776,
11.5476

■ 22.9914, 3.4565,
-5.9495

■ 19.8221, -10.7193,
11.9751

■ 23.3662, 5.0922,
-8.6112

■ 19.8083, -10.7807,
12.0170

■ 23.7590, 6.7899,
-11.4341

■ 24.1695, 8.5454,
-14.4101

Harmonies

Analogous

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



21.1378, -1.3405, 6.9897



21.1373, -4.8314, 6.2562



21.1378, -7.1878, 4.1935

Triad

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



21.1378, -4.8319, 6.2564



21.1378, -4.4894, -5.9333



21.1378, 6.6883, 1.3512

Complementary

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



21.1373, -4.8314, 6.2562



16.8149, 3.3312, -5.6511

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.



21.1378, 5.6999, -2.4250



21.1373, -4.8314, 6.2562



21.1378, -0.9167, -7.0506

Square

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



21.1378, -4.8319, 6.2564



21.1378, -7.0001, -2.8360



21.1378, 2.8478, -5.6680



21.1378, 5.4623, 4.4858

Rectangle

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



21.1373, -4.8314, 6.2562



21.1378, -7.8885, 2.1348



21.1378, 2.8478, -5.6680



21.1378, 6.6037, 0.1166

Sweetspot

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



21.1378, -4.8319, 6.2564



28.5326, -3.2061, 3.9690



18.6744, 1.5584, 3.9687



14.6241, -1.6992, 2.1130



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.



21.1378, -4.8319, 6.2564



27.5909, -7.4674, 9.6224



20.5710, -6.9331, 5.6862



11.4482, -1.2150, 1.4917



30.2011, -16.9345, 18.3133



76.4513, -44.4284, 46.3312

Inverse Universe

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



16.8149, 3.3312, -5.6511



20.4826, 6.0276, -10.1498



17.5473, 5.6485, -4.4883



10.7728, 0.0511, -0.3443



10.5494, 25.7863, -53.0284



25.9236, 64.7075, -140.7076

Previews

White Background



This preview shows how the HunterLab color 21.1373, -4.8314, 6.2562 looks on a white background.

Color Contrast Check

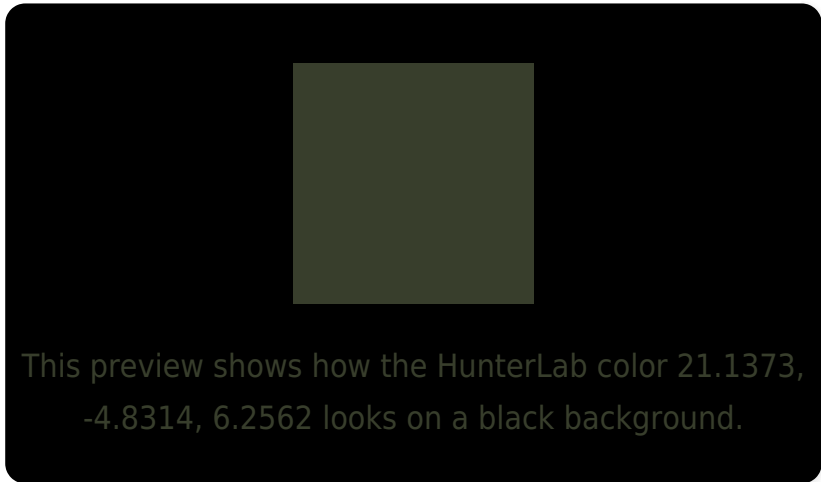
Large Text (above 18pt) WCAG AA ✓ Pass

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

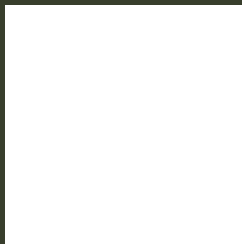
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 21.1373, -4.8314, 6.2562 Background



This preview shows how black text looks on a background with the HunterLab color 21.1373, -4.8314, 6.2562.

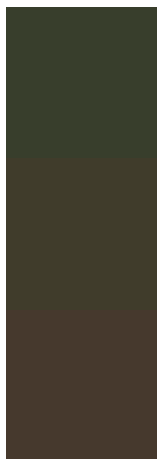


This preview shows how white text looks on a background with the HunterLab color 21.1373, -4.8314,

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

21.1373, -4.8314, 6.2562

Protanopia

21.2041, -2.0347, 6.6396

Deuteranopia

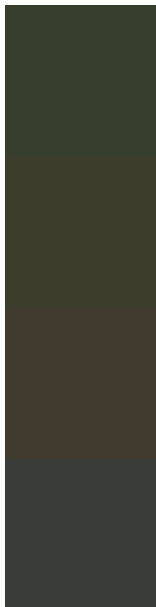
21.0186, 1.1158, 5.9680



Tritanopia

21.0426, -0.4078, -0.7076

Trichromacy



Original Color

21.1373, -4.8314, 6.2562

Protanomaly

21.2226, -3.2502, 6.6354

Deuteranomaly

21.0742, -1.1565, 5.9810

Tritanomaly

21.0396, -2.0410, 2.0206

Monochromacy



Original Color

21.1373, -4.8314, 6.2562

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.6272, -2.4013, 2.9871

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1373, -4.8314, 6.2562 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(56, 62, 44)` looks like.

```
.text, #text, p{  
    color:rgb(56, 62, 44)  
}
```

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(56, 62, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 62, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1373, -4.8314, 6.2562 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(56, 62, 44) }
```


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

```
.border{ border-color:rgb(56, 62, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 62, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 62, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 62, 44);  
box-shadow:4px 4px 4px 4px rgb(56, 62, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1373, -4.8314, 6.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 62, 44) }
```

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

```
.background{ background-color: rgb(56, 62,  
44) }
```

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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