

Converting Colors

HunterLab(15.5413, -4.9404,
4.6094)

Have a look what the booklet for
HunterLab(15.5413, -4.9404, 4.6094)
contains.

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Color

**HunterLab(15.5820, -4.9088,
4.5831)**

Conversions

Conversions Part 1

Format	Color
Hex	242E1F
RGB	36, 46, 31
RGB Percent	14%, 18%, 12%
CMY	0.8588, 0.8196, 0.8784
CMYK	0.22, 0.00, 0.33, 0.82
HSL	100°, 19%, 15%
HSV	100°, 33%, 18%
XYZ	1.9519, 2.4280, 1.6621
YIQ	41.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

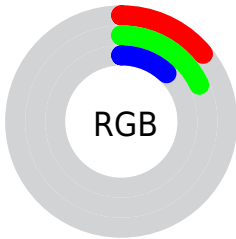
Format	Color
RYB	31, 46, 41
Decimal	2371103
CIELab	17.59, -7.86, 8.30
CIElCh	18, 11.433, 133.444
Yxy	2.4281, 0.3231, 0.4019
Android (android.graphics.Color)	4280561183 (0xFF242E1F)
YUV	41.3000, -5.0779, -4.6481
Hunter-Lab	15.5820, -4.9088, 4.5831

Details

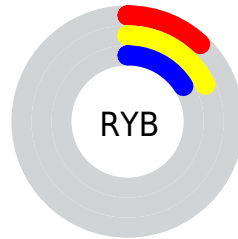
The HunterLab color **15.5820, -4.9088, 4.5831** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.8402, 3.9104, -3.9553**, and the grayscale version is **15.0049, -0.8006, 0.8152**.

A 20% lighter version of the original color is **31.4827, -6.9556, 6.7416**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.3385, -5.9758, 5.4780**, and if you desaturate by 10%, it is **15.8483, -3.7593, 3.5747**.

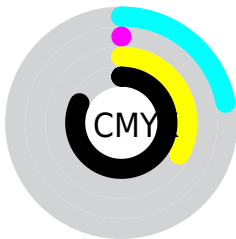
Distribution



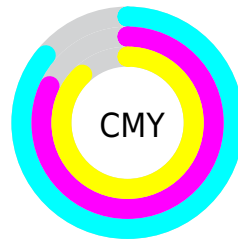
- Red (14%)
- Green (18%)
- Blue (12%)



- Red (12%)
- Yellow (18%)
- Blue (16%)



- Cyan (22%)
- Magenta (0%)
- Yellow (33%)
- Black (82%)



- Cyan (86%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5820, -4.9088, 4.5831 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 15.5820, -4.9088, 4.5831 by changing the saturation by 10% instead.

■ 15.5820, -4.9088,
4.5831

■ 15.5820, -4.9088,
4.5831

109.9738,
-14.0130, 13.9640

■ 9.1667, -4.2268,
4.2525

■ 31.4009, -6.9336,
6.6965

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.5881, -7.9248,
7.7215

0.0000, NaN, NaN

■ 50.5293, -8.9164,
8.7430

0.0000, NaN, NaN

■ 61.1711, -9.9136,
9.7676

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.4701, -10.9199,
10.7997

0.0000, NaN, NaN

■ 84.3900, -11.9377,

0.0000, NaN, NaN

11.8420

■ 96.9002, -12.9684,
12.8963

■ 15.5820, -4.9088,
4.5831

■ 15.5820, -4.9088,
4.5831

■ 15.3385, -5.9758,
5.4780

■ 15.8483, -3.7593,
3.5747

■ 15.1171, -6.9546,
6.2557

■ 16.1361, -2.5318,
2.4565

■ 14.9180, -7.8413,
6.9147

■ 16.4453, -1.2322,
1.2337

■ 14.7413, -8.6330,
7.4548

■ 16.7754, 0.1335,
-0.0880

■ 14.5857, -9.3329,
7.8904

■ 17.1259, 1.5595,
-1.5027

■ 14.4440, -9.9817,
8.3249

■ 17.4962, 3.0401,
-3.0041

■ 14.3473, -10.4333,
8.6581

■ 17.8855, 4.5696,
-4.5861

■ 18.2933, 6.1429,
-6.2424

■ 18.7188, 7.7550,
-7.9671

Harmonies

Analogous

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



15.5823, -2.2617, 5.6011



15.5820, -4.9088, 4.5831



15.5823, -6.3924, 2.4521

Triad

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



15.5823, -4.9091, 4.5833



15.5823, -2.5770, -6.0110



15.5823, 5.7385, 2.1707

Complementary

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



15.5820, -4.9088, 4.5831



12.8402, 3.9104, -3.9553

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.



15.5823, 5.6366, -0.9467



15.5820, -4.9088, 4.5831



15.5823, 0.6507, -6.1297

Square

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



15.5823, -4.9091, 4.5833



15.5823, -5.1235, -3.8297



15.5823, 3.7123, -4.1268



15.5823, 3.9804, 4.4139

Rectangle

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



15.5820, -4.9088, 4.5831



15.5823, -6.6038, 0.4860



15.5823, 3.7123, -4.1268



15.5823, 5.9248, 1.2018

Sweetspot

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



15.5823, -4.9091, 4.5833



20.3765, -2.8522, 2.7809



15.0524, -0.6433, 4.1577



11.3447, -1.6071, 1.5661



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



15.5823, -4.9091, 4.5833



19.3400, -7.3175, 6.7270



15.3559, -5.6736, 3.6645



9.0980, -1.0926, 1.0721



26.5097, -20.2142, 15.9812



70.3910, -55.4149, 42.4045

Inverse Universe

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



12.8402, 3.9104, -3.9553



15.0496, 6.5302, -6.7263



13.1871, 4.8348, -2.2834



8.7068, 0.1594, -0.1342



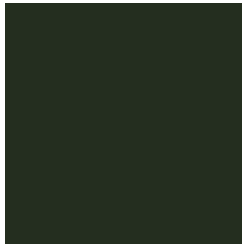
12.5573, 26.9455, -34.0610



32.6921, 70.8678, -94.2352

Previews

White Background



This preview shows how the HunterLab color 15.5820, -4.9088, 4.5831 looks on a white background.

Color Contrast Check

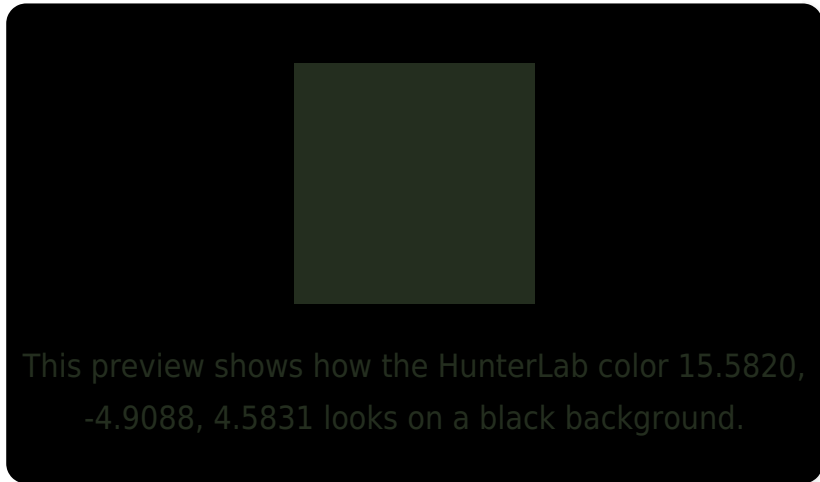
Large Text (above 18pt) WCAG AA ✓ Pass

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

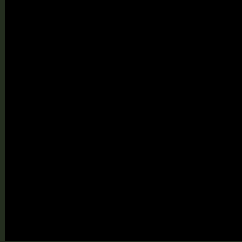
Any Text WCAG AA × Fail

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 15.5820, -4.9088, 4.5831 Background



This preview shows how black text looks on a background with the HunterLab color 15.5820, -4.9088, 4.5831.



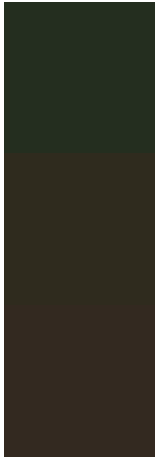
This preview shows how white text looks on a background with the HunterLab color 15.5820, -4.9088,

4.5831.

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

15.5820, -4.9088, 4.5831

Protanopia

15.5751, -1.2349, 4.8999

Deuteranopia

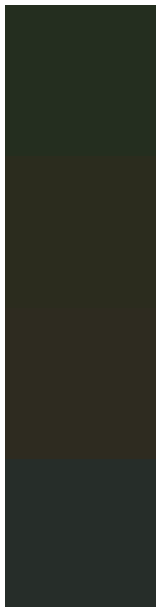
15.4725, 0.8291, 4.3122



Tritanopia

15.6139, -1.5966, -0.6188

Trichromacy



Original Color

15.5820, -4.9088, 4.5831

Protanomaly

15.5200, -2.6473, 4.8246

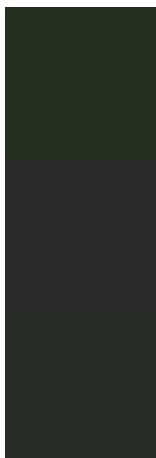
Deuteranomaly

15.5334, -1.3131, 4.3328

Tritanomaly

15.6491, -2.9995, 1.6423

Monochromacy



Original Color

15.5820, -4.9088, 4.5831

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.1415, -2.5134, 2.4326

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5820, -4.9088, 4.5831 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(36, 46, 31)` looks like.

```
.text, #text, p{  
    color:rgb(36, 46, 31)  
}
```

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(36, 46, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 46, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5820, -4.9088, 4.5831 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(36, 46, 31) }
```


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

```
.border{ border-color:rgb(36, 46, 31) }
```

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

Here you see how a box with a 4 pixel rgb(36, 46, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 46, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 46, 31);  
box-shadow:4px 4px 4px 4px rgb(36, 46, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.5820, -4.9088, 4.5831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 46, 31) }
```

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

```
.background{ background-color: rgb(36, 46,  
31) }
```

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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