

Converting Colors

HunterLab(13.1108, -2.9229,
3.6529)

Have a look what the booklet for
HunterLab(13.1108, -2.9229, 3.6529)
contains.

HunterLab(13.1189, -2.8857, 3.6165)	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(13.1189, -2.8857,
3.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	21251A
RGB	33, 37, 26
RGB Percent	13%, 15%, 10%
CMY	0.8706, 0.8549, 0.8980
CMYK	0.11, 0.00, 0.30, 0.85
HSL	82°, 17%, 12%
HSV	82°, 30%, 15%
XYZ	1.4752, 1.7211, 1.2317
YIQ	34.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

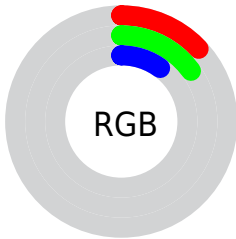
Format	Color
RYB	26, 37, 30
Decimal	2172186
CIELab	13.95, -4.37, 6.74
CIELCh	14, 8.034, 122.963
Yxy	1.7211, 0.3332, 0.3887
Android (android.graphics.Color)	4280362266 (0xFF21251A)
YUV	34.5500, -4.2151, -1.3593
Hunter-Lab	13.1189, -2.8857, 3.6165

Details

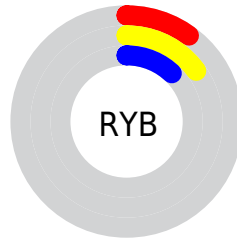
The HunterLab color **13.1189, -2.8857, 3.6165** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **10.7165, 1.8806, -3.0477**, and the grayscale version is **12.8346, -0.6848, 0.6973**.

A 20% lighter version of the original color is **28.3585, -4.6095, 5.6224**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.9764, -3.5288, 4.3962**, and if you desaturate by 10%, it is **13.2718, -2.2002, 2.7414**.

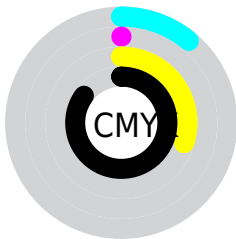
Distribution



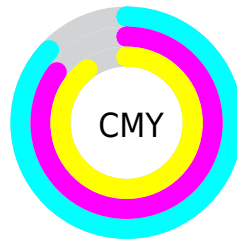
- Red (13%)
- Green (15%)
- Blue (10%)



- Red (10%)
- Yellow (15%)
- Blue (12%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (85%)



- Cyan (87%)
- Magenta (85%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1189, -2.8857, 3.6165 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 13.1189, -2.8857, 3.6165 by changing the saturation by 10% instead.

■ 13.1189, -2.8857,
3.6165

■ 13.1189, -2.8857,
3.6165

105.1509,
-10.1029, 12.1471

■ 6.6127, -3.2337,
4.5852

■ 28.2563, -4.3703,
5.4948

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.1532, -5.1295,
6.4154

0.0000, NaN, NaN

■ 46.8268, -5.9066,
7.3396

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.2190, -6.7036,
8.2728

0.0000, NaN, NaN

■ 68.2833, -7.5214,
9.2184

0.0000, NaN, NaN

■ 79.9810, -8.3605,

0.0000, NaN, NaN

10.1786

■ 92.2796, -9.2211,
11.1545

■ 13.1189, -2.8857,
3.6165

■ 13.1189, -2.8857,
3.6165

■ 12.9764, -3.5288,
4.3962

■ 13.2718, -2.2002,
2.7414

■ 12.8435, -4.1275,
5.0797

■ 13.4344, -1.4725,
1.7717

■ 12.7204, -4.6812,
5.6672

■ 13.6067, -0.7046,
0.7092

■ 12.6069, -5.1896,
6.1598

■ 13.7888, 0.1020,
-0.4439

■ 12.5014, -5.6620,
6.5828

■ 13.9805, 0.9455,
-1.6849

■ 12.3987, -6.1277,
7.0109

■ 14.1818, 1.8239,
-3.0111

■ 12.2984, -6.5883,
7.4491

■ 14.3924, 2.7355,
-4.4192

■ 12.2957, -6.6007,
7.4610

■ 14.6122, 3.6782,
-5.9060

■ 14.8410, 4.6502,
-7.4680

Harmonies

Analogous

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



13.1192, -0.9148, 4.0802



13.1189, -2.8857, 3.6165



13.1192, -4.2007, 2.3869

Triad

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



13.1192, -2.8860, 3.6167



13.1192, -2.5367, -3.3174



13.1192, 3.7125, 0.9168

Complementary

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



13.1189, -2.8857, 3.6165



10.7165, 1.8806, -3.0477

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.



13.1192, 3.2096, -1.2128



13.1189, -2.8857, 3.6165



13.1192, -0.4852, -3.8787

Square

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



13.1192, -2.8860, 3.6167



13.1192, -4.0084, -1.6239



13.1192, 1.6377, -3.0543



13.1192, 2.9710, 2.6880

Rectangle

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



13.1189, -2.8857, 3.6165



13.1192, -4.5754, 1.1892



13.1192, 1.6377, -3.0543



13.1192, 3.6835, 0.2206

Sweetspot

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



13.1192, -2.8860, 3.6167



17.1305, -1.8673, 2.2452



11.7853, 0.7309, 2.3581



9.8874, -1.0869, 1.3082



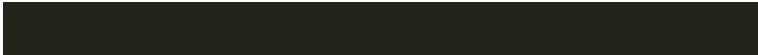
56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



13.1192, -2.8860, 3.6167



16.5661, -4.4013, 5.4894



12.8054, -4.0448, 3.2948



7.6577, -0.7514, 0.8902



25.8890, -14.9731, 15.6906



71.1621, -42.9984, 43.0970

Inverse Universe

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



10.7165, 1.8806, -3.0477



12.6388, 3.4264, -5.4995



11.1171, 3.1600, -2.4295



7.2955, -0.0369, -0.1038



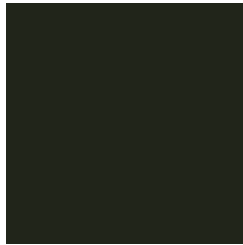
9.3506, 22.4631, -43.9566



24.7932, 61.0459, -128.0610

Previews

White Background



This preview shows how the HunterLab color 13.1189, -2.8857, 3.6165 looks on a white background.

Color Contrast Check

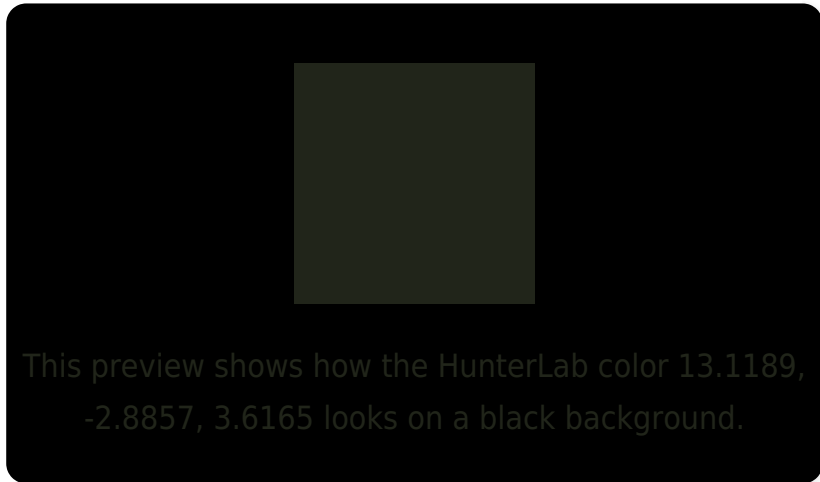
Large Text (above 18pt) WCAG AA ✓ Pass

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

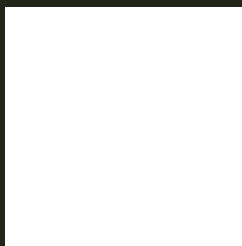
Any Text WCAG AAA × Fail

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

HunterLab 13.1189, -2.8857, 3.6165 Background



This preview shows how black text looks on a background with the HunterLab color 13.1189, -2.8857, 3.6165.

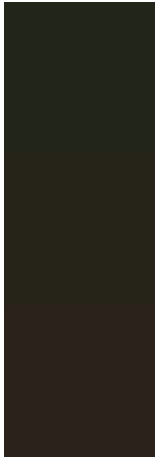


This preview shows how white text looks on a background with the HunterLab color 13.1189, -2.8857,

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

13.1189, -2.8857, 3.6165

Protanopia

12.9781, -1.0379, 3.7773

Deuteranopia

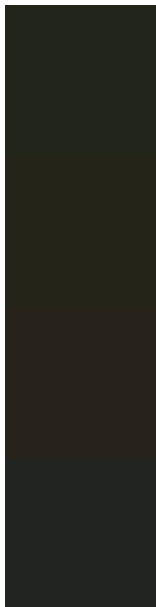
13.0974, 0.5848, 3.3869



Tritanopia

13.0358, -0.3011, -0.3128

Trichromacy



Original Color

13.1189, -2.8857, 3.6165

Protanomaly

13.0653, -1.9078, 3.8437

Deuteranomaly

13.0864, -0.5918, 3.3555

Tritanomaly

13.1047, -1.4215, 1.2031

Monochromacy



Original Color

13.1189, -2.8857, 3.6165

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.0618, -1.6589, 1.8168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1189, -2.8857, 3.6165 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(33, 37, 26)` looks like.

```
.text, #text, p{  
    color:rgb(33, 37, 26)  
}
```

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(33, 37, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 37, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1189, -2.8857, 3.6165 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(33, 37, 26) }
```


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

```
.border{ border-color:rgb(33, 37, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 37, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 37, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 37, 26);  
box-shadow:4px 4px 4px 4px rgb(33, 37, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.1189, -2.8857, 3.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 37, 26) }
```

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

```
.background{ background-color: rgb(33, 37,  
26) }
```

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