

Converting Colors

HunterLab(13.7123, -1.8467,
1.0150)

Have a look what the booklet for
HunterLab(13.7123, -1.8467, 1.0150)
contains.

HunterLab(13.6377, -1.7890, 0.7629)	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(13.6377, -1.7890,
0.7629)**

Conversions

Conversions Part 1

Format	Color
Hex	222625
RGB	34, 38, 37
RGB Percent	13%, 15%, 15%
CMY	0.8667, 0.8510, 0.8549
CMYK	0.11, 0.00, 0.03, 0.85
HSL	165°, 6%, 14%
HSV	165°, 11%, 15%
XYZ	1.6867, 1.8599, 2.0204
YIQ	36.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

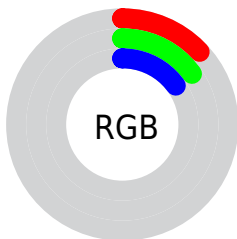
Format	Color
RYB	34, 36, 38
Decimal	2237989
CIELab	14.73, -2.06, 0.04
CIElCh	15, 2.057, 178.839
Yxy	1.8599, 0.3030, 0.3341
Android (android.graphics.Color)	4280428069 (0xFF222625)
YUV	36.6900, 0.1528, -2.3591
Hunter-Lab	13.6377, -1.7890, 0.7629

Details

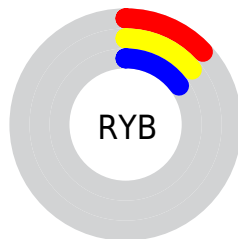
The HunterLab color **13.6377, -1.7890, 0.7629** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.9519, 0.4158, 0.7088**, and the grayscale version is **13.5027, -0.7205, 0.7336**.

A 20% lighter version of the original color is **29.0093, -3.0290, 1.5073**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.3903, -2.7225, 0.7954**, and if you desaturate by 10%, it is **13.9075, -0.7968, 0.7561**.

Distribution



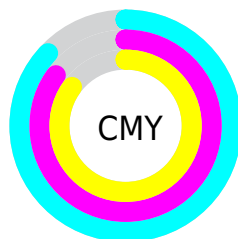
- Red (13%)
- Green (15%)
- Blue (15%)



- Red (13%)
- Yellow (14%)
- Blue (15%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (85%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.6377, -1.7890, 0.7629 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 13.6377, -1.7890, 0.7629 by changing the saturation by 10% instead.

■ 13.6377, -1.7890,
0.7629

■ 13.6377, -1.7890,
0.7629

106.1841, -7.7986,
5.8211

■ 7.2397, -1.6244,
0.4179

■ 28.9246, -2.9163,
1.6011

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.8848, -3.5263,
2.0914

0.0000, NaN, NaN

■ 47.6167, -4.1669,
2.6234

0.0000, NaN, NaN

■ 58.0632, -4.8373,
3.1942

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.1785, -5.5365,
3.8013

0.0000, NaN, NaN

■ 80.9245, -6.2638,

0.0000, NaN, NaN

4.4425

■ 93.2689, -7.0180,
5.1163

■ 13.6377, -1.7890,
0.7629

■ 13.6377, -1.7890,
0.7629

■ 13.3903, -2.7225,
0.7954

■ 13.9075, -0.7968,
0.7561

■ 13.1649, -3.5914,
0.8531

■ 14.1985, 0.2496,
0.7739

■ 12.9619, -4.3914,
0.9362

■ 14.5103, 1.3447,
0.8160

■ 12.7814, -5.1185,
1.0440

■ 14.8424, 2.4832,
0.8814

■ 12.6233, -5.7694,
1.1759

■ 15.1941, 3.6602,
0.9692

■ 12.4872, -6.3420,
1.3305

■ 15.5645, 4.8708,
1.0783

■ 12.3675, -6.8557,
1.5004

■ 15.9531, 6.1109,
1.2076

■ 12.2483, -7.3724,
1.6662

■ 16.3591, 7.3762,
1.3559

■ 12.1348, -7.8685,
1.8185

■ 16.7817, 8.6633,
1.5221

Harmonies

Analogous

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



13.6380, -1.6384, 1.2623



13.6377, -1.7890, 0.7629



13.6380, -1.6597, 0.2385

Triad

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



13.6380, -1.7893, 0.7631



13.6380, -0.2047, -0.1866



13.6380, -0.1663, 1.5908

Complementary

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



13.6377, -1.7890, 0.7629



12.9519, 0.4158, 0.7088

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.



13.6380, 0.2285, 1.2277



13.6377, -1.7890, 0.7629



13.6380, 0.2061, 0.2011

Square

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



13.6380, -1.7893, 0.7631



13.6380, -0.7502, -0.3229



13.6380, 0.3659, 0.7216



13.6380, -0.7066, 1.7281

Rectangle

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



13.6377, -1.7890, 0.7629



13.6380, -1.4305, -0.0523



13.6380, 0.3659, 0.7216



13.6380, -0.0118, 1.4919

Sweetspot

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



13.6380, -1.7893, 0.7631



17.2316, -1.3278, 0.9411



13.6392, -1.9175, 1.7921



9.9409, -0.7917, 0.5433



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.



13.6380, -1.7893, 0.7631



16.8836, -2.6178, 0.9602



13.4438, -1.3105, 0.1736



7.6174, -0.8394, 0.4214



25.1265, -16.7298, 4.7089



69.3379, -46.9589, 14.7045

Inverse Universe

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



12.9519, 0.4158, 0.7088



15.7667, 0.9734, 0.8726



13.1368, -0.0642, 1.2634



7.3391, 0.0546, 0.3992



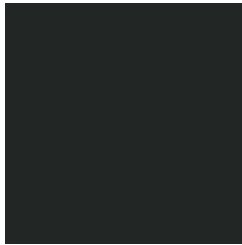
13.5201, 23.5381, 5.7562



37.1760, 64.3392, 18.7959

Previews

White Background



This preview shows how the HunterLab color 13.6377, -1.7890, 0.7629 looks on a white background.

Color Contrast Check

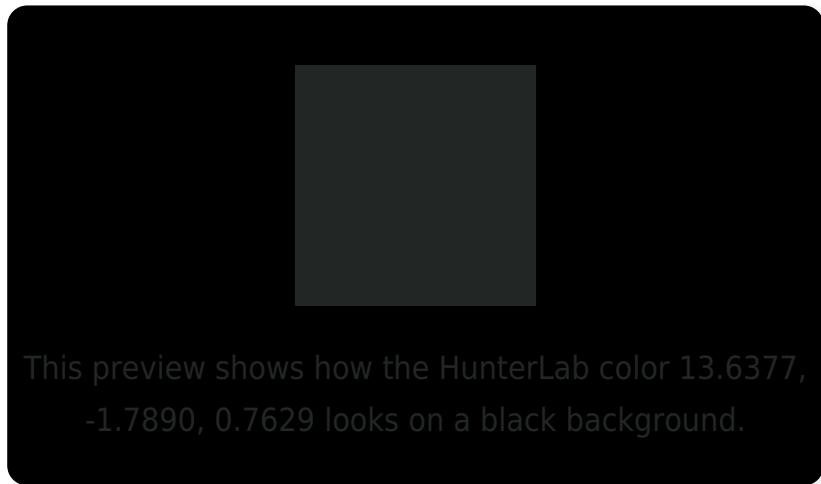
Large Text (above 18pt) WCAG AA ✓ Pass

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

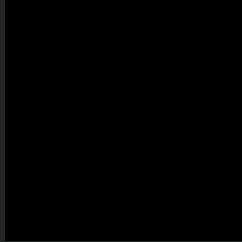
Any Text WCAG AA × Fail

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 13.6377, -1.7890, 0.7629 Background



This preview shows how black text looks on a background with the HunterLab color 13.6377, -1.7890, 0.7629.



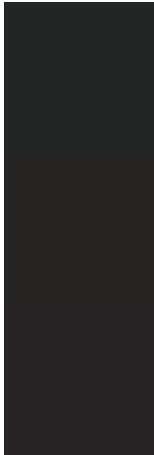
This preview shows how white text looks on a background with the HunterLab color 13.6377, -1.7890,

0.7629.

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

13.6377, -1.7890, 0.7629

Protanopia

13.6476, -0.6111, 1.1479

Deuteranopia

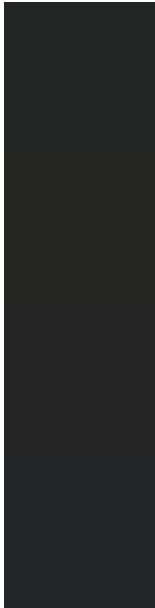
13.5884, 0.3894, 0.7430



Tritanopia

13.5413, -0.7909, -0.4595

Trichromacy



Original Color

13.6377, -1.7890, 0.7629

Protanomaly

13.5788, -0.8507, 1.0645

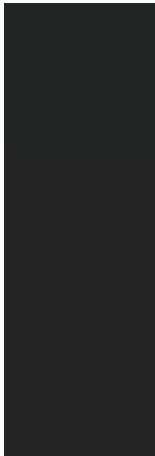
Deuteranomaly

13.6703, -0.4872, 0.8239

Tritanomaly

13.5164, -0.9272, -0.1072

Monochromacy



Original Color

13.6377, -1.7890, 0.7629

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.5343, -0.9602, 0.6556

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.6377, -1.7890, 0.7629 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(34, 38, 37)` looks like.

```
.text, #text, p{  
    color:rgb(34, 38, 37)  
}
```

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(34, 38, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 38, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 13.6377, -1.7890, 0.7629 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(34, 38, 37) }
```


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

```
.border{ border-color:rgb(34, 38, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 38, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 38, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 38, 37);  
box-shadow:4px 4px 4px 4px rgb(34, 38, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.6377, -1.7890, 0.7629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 38, 37) }
```

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

```
.background{ background-color: rgb(34, 38,  
37) }
```

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