

Converting Colors

HunterLab(13.7077, 3.1139,
0.7330)

Have a look what the booklet for
HunterLab(13.7077, 3.1139, 0.7330)
contains.

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Color

**HunterLab(13.7417, 3.1547,
0.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	2F2226
RGB	47, 34, 38
RGB Percent	18%, 13%, 15%
CMY	0.8157, 0.8667, 0.8510
CMYK	0.00, 0.28, 0.19, 0.82
HSL	342°, 16%, 16%
HSV	342°, 28%, 18%
XYZ	2.0942, 1.8883, 2.0878
YIQ	38.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

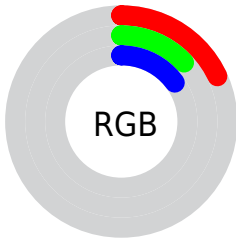
Format	Color
RYB	47, 34, 38
Decimal	3088934
CIELab	14.89, 7.02, -0.27
CIElCh	15, 7.030, 357.780
Yxy	1.8884, 0.3450, 0.3111
Android (android.graphics.Color)	4281279014 (0xFF2F2226)
YUV	38.3430, -0.1691, 7.5922
Hunter-Lab	13.7417, 3.1547, 0.6110

Details

The HunterLab color **13.7417, 3.1547, 0.6110** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.9612, -4.3090, 1.2694**, and the grayscale version is **14.0316, -0.7487, 0.7624**.

A 20% lighter version of the original color is **28.9836, 3.4745, 1.1796**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.7192, 4.6686, 0.5987**, and if you desaturate by 10%, it is **14.8248, 1.6630, 0.6806**.

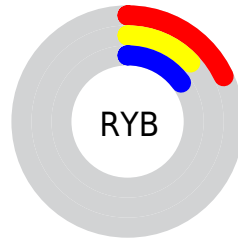
Distribution



Red (18%)

Green (13%)

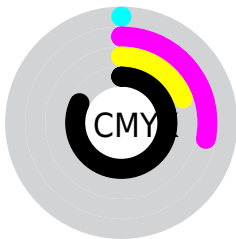
Blue (15%)



Red (18%)

Yellow (13%)

Blue (15%)

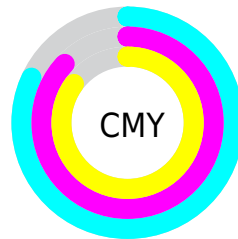


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (82%)



Cyan (82%)

Magenta (87%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7417, 3.1547, 0.6110 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 13.7417, 3.1547, 0.6110 by changing the saturation by 10% instead.

■ 13.7417, 3.1547,
0.6110

■ 13.7417, 3.1547,
0.6110

106.3901, 1.7164,
5.5216

■ 7.3580, 3.7671,
0.2471

■ 29.0582, 3.3376,
1.4065

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.0310, 3.2895,
1.8786

0.0000, NaN, NaN

■ 47.7744, 3.1679,
2.3939

0.0000, NaN, NaN

■ 58.2317, 2.9823,
2.9491

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 69.3571, 2.7395,
3.5415

0.0000, NaN, NaN

■ 81.1126, 2.4448,


0.0000, NaN, NaN


4.1689

 93.4662, 2.1027,
4.8294


 13.7417, 3.1547,
0.6110


 13.7417, 3.1547,
0.6110


 12.7192, 4.6686,
0.5987


 14.8248, 1.6630,
0.6806


 11.7653, 6.1938,
0.6529


 15.9598, 0.2002,
0.7982


 10.8911, 7.7075,
0.7837

 17.1406, -1.2327,
0.9564

 10.1085, 9.1733,
1.0005

 18.3621, -2.6369,
1.1492

 9.4302, 10.5375,
1.3085

 19.6198, -4.0147,
1.3714

■ 8.8064, 11.9197,
1.6436

■ 20.9099, -5.3687,
1.6189

■ 8.1448, 13.6251,
1.9069

■ 22.2296, -6.7020,
1.8881

■ 7.9832, 14.0844,
1.9575

■ 23.5760, -8.0174,
2.1763

■ 24.9472, -9.3176,
2.4811

Harmonies

Analogous

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



13.7420, 2.5319, -1.2599



13.7417, 3.1547, 0.6110



13.7420, 2.6883, 2.2867

Triad

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



13.7420, 3.1542, 0.6113



13.7420, -2.4131, 3.5072



13.7420, -2.6480, -2.5682

Complementary

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



13.7417, 3.1547, 0.6110



15.9612, -4.3090, 1.2694

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.



13.7420, -3.8510, -0.9921



13.7417, 3.1547, 0.6110



13.7420, -3.7207, 2.4923

Square

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



13.7420, 3.1542, 0.6113



13.7420, -0.5906, 3.8157



13.7420, -4.2328, 0.8834



13.7420, -0.8767, -3.2456

Rectangle

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



13.7417, 3.1547, 0.6110



13.7420, 1.8366, 3.1036



13.7420, -4.2328, 0.8834



13.7420, -3.1285, -2.1162

Sweetspot

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



13.7420, 3.1542, 0.6113



20.3959, 0.4052, 1.0119



13.6399, 3.3055, -3.2274



10.8635, 0.2616, 0.5366



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.



13.7420, 3.1542, 0.6113



16.7081, 5.4538, 0.7660



14.1598, 1.7390, 2.4184



8.7224, 0.1417, 0.4344



14.4549, 25.2915, 5.1779



38.3645, 66.7224, 16.8677

Inverse Universe

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



13.7420, 3.1542, 0.6113



16.7081, 5.4538, 0.7660



15.4695, -2.8782, -0.8257



8.7224, 0.1417, 0.4344



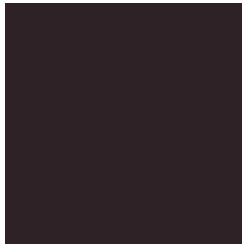
14.4549, 25.2915, 5.1779



38.3645, 66.7224, 16.8677

Previews

White Background



This preview shows how the HunterLab color 13.7417, 3.1547, 0.6110 looks on a white background.

Color Contrast Check

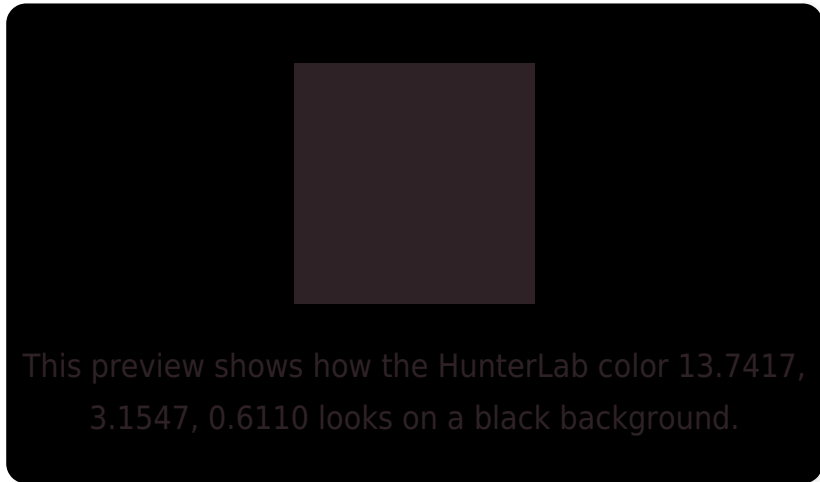
Large Text (above 18pt) WCAG AA ✓ Pass

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

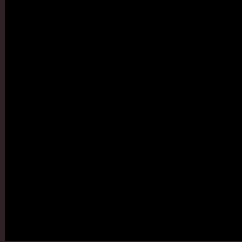
Any Text WCAG AA × Fail

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 13.7417, 3.1547, 0.6110 Background



This preview shows how black text looks on a background with the HunterLab color 13.7417, 3.1547, 0.6110.



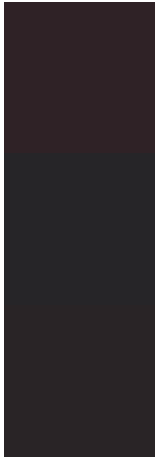
This preview shows how white text looks on a background with the HunterLab color 13.7417, 3.1547,

0.6110.

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

13.7417, 3.1547, 0.6110

Protanopia

13.7419, -0.0971, -0.1953

Deuteranopia

13.6862, 0.7668, 0.5029



Tritanopia

13.7185, 3.0341, 0.9419

Trichromacy



Original Color

13.7417, 3.1547, 0.6110

Protanomaly

13.7100, 0.8950, 0.1629

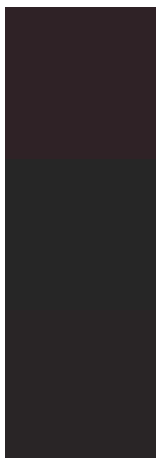
Deuteranomaly

13.6220, 1.6764, 0.4419

Tritanomaly

13.7185, 3.0341, 0.9419

Monochromacy



Original Color

13.7417, 3.1547, 0.6110

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.9086, 0.3761, 0.7602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7417, 3.1547, 0.6110 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(47, 34, 38)` looks like.

```
.text, #text, p{  
    color:rgb(47, 34, 38)  
}
```

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(47, 34, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 34, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7417, 3.1547, 0.6110 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(47, 34, 38) }
```


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

```
.border{ border-color:rgb(47, 34, 38) }
```

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

Here you see how a box with a 4 pixel rgb(47, 34, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 34, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 34, 38);  
box-shadow:4px 4px 4px 4px rgb(47, 34, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.7417, 3.1547, 0.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 34, 38) }
```

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

```
.background{ background-color: rgb(47, 34,  
38) }
```

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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