

Converting Colors

HunterLab(13.7060, -7.2831,
6.0241)

Have a look what the booklet for
HunterLab(13.7060, -7.2831, 6.0241)
contains.

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Color

**HunterLab(13.7060, -7.2831,
6.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	172A11
RGB	23, 42, 17
RGB Percent	9%, 16%, 7%
CMY	0.9098, 0.8353, 0.9333
CMYK	0.45, 0.00, 0.60, 0.84
HSL	106°, 42%, 12%
HSV	106°, 60%, 16%
XYZ	1.2825, 1.8785, 0.8253
YIQ	33.4690, -3.2990, -11.8030

Conversions

Conversions Part 2

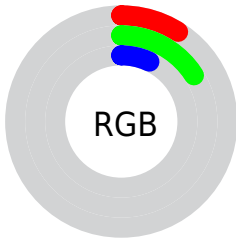
Format	Color
R_{YB}	17, 42, 36
Decimal	1518097
CIE Lab	14.84, -13.88, 13.78
CIE LCh	15, 19.557, 135.219
Yxy	1.8786, 0.3217, 0.4712
Android (android.graphics.Color)	4279708177 (0xFF172A11)
YUV	33.4690, -8.1192, -9.1813
Hunter-Lab	13.7060, -7.2831, 6.0241

Details

The HunterLab color **13.7060, -7.2831, 6.0241** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.7117, 7.7436, -7.2537**, and the grayscale version is **12.5058, -0.6673, 0.6795**.

A 20% lighter version of the original color is **29.1530, -10.4840, 9.0862**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.5324, -8.0646, 6.5586**, and if you desaturate by 10%, it is **13.9034, -6.4063, 5.3879**.

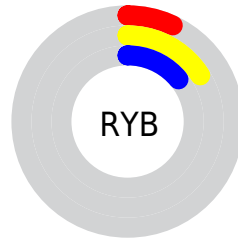
Distribution



Red (9%)

Green (16%)

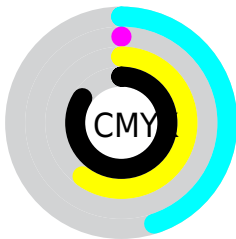
Blue (7%)



Red (7%)

Yellow (16%)

Blue (14%)

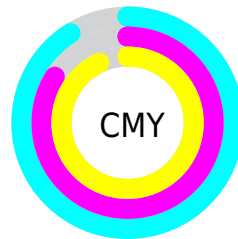


Cyan (45%)

Magenta (0%)

Yellow (60%)

Black (84%)



Cyan (91%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7060, -7.2831, 6.0241 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 13.7060, -7.2831, 6.0241 by changing the saturation by 10% instead.

13.7060, -7.2831,
6.0241

13.7060, -7.2831,
6.0241

106.3194,
-19.7200, 18.5219

7.3176, -8.6570,
5.1224

29.0123, -10.3241,
9.0950

0.0000, NaN, NaN

0.0000, NaN, NaN

37.9808, -11.7298,
10.5148

0.0000, NaN, NaN

47.7203, -13.0968,
11.8903

0.0000, NaN, NaN

0.0000, NaN, NaN

58.1739, -14.4396,
13.2380

0.0000, NaN, NaN

69.2958, -15.7676,
14.5687

0.0000, NaN, NaN

81.0480, -17.0874,

0.0000, NaN, NaN

15.8896

■ 93.3985, -18.4037,
17.2061

■ 13.7060, -7.2831,
6.0241

■ 13.7060, -7.2831,
6.0241

■ 13.5324, -8.0646,
6.5586

■ 13.9034, -6.4063,
5.3879

■ 13.3810, -8.7499,
6.9978

■ 14.1236, -5.4372,
4.6511

■ 13.2456, -9.3748,
7.4322

■ 14.3669, -4.3811,
3.8169

■ 13.1242, -9.9492,
7.8870

■ 14.6330, -3.2436,
2.8891

■ 13.1188, -9.9751,
7.9091

■ 14.9215, -2.0310,
1.8725

■ 15.2318, -0.7495,
0.7726

■ 15.5633, 0.5944,
-0.4050

■ 15.9155, 1.9944,
-1.6545

■ 16.2875, 3.4444,
-2.9699

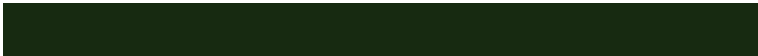
Harmonies

Analogous

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



13.7063, -3.3238, 7.5651



13.7060, -7.2831, 6.0241



13.7063, -9.3118, 3.0107

Triad

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



13.7063, -7.2834, 6.0242



13.7063, -3.2537, -12.4510



13.7063, 10.6451, 3.0697

Complementary

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



13.7060, -7.2831, 6.0241



9.7117, 7.7436, -7.2537

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.



13.7063, 10.6715, -1.9861



13.7060, -7.2831, 6.0241



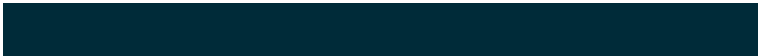
13.7063, 2.0678, -12.4155

Square

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



13.7063, -7.2834, 6.0242



13.7063, -7.2388, -8.1517



13.7063, 7.3410, -8.0678



13.7063, 7.2734, 6.0562

Rectangle

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



13.7060, -7.2831, 6.0241



13.7063, -9.5293, -0.1722



13.7063, 7.3410, -8.0678



13.7063, 11.0607, 1.6049

Sweetspot

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



13.7063, -7.2834, 6.0242



18.3409, -3.9884, 3.5570



13.3396, -0.8716, 5.8474



10.3768, -2.3037, 2.0517



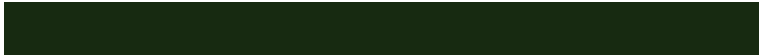
57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



13.7063, -7.2834, 6.0242



16.8373, -10.5864, 8.5278



13.5574, -7.7108, 4.6162



8.3447, -1.0189, 0.9476



25.5240, -20.3686, 15.3712



69.0005, -56.5663, 41.5275

Inverse Universe

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



9.7117, 7.7436, -7.2537



10.7883, 12.4052, -12.0124



10.0947, 8.3274, -3.3202



8.0256, 0.1611, -0.0802



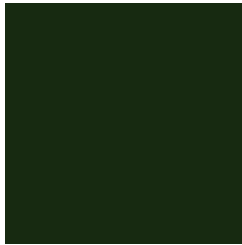
13.1564, 27.4138, -29.3507



35.0684, 73.5598, -82.0212

Previews

White Background



This preview shows how the HunterLab color 13.7060, -7.2831, 6.0241 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

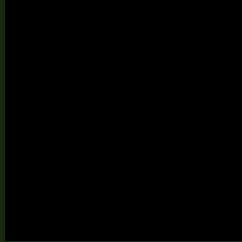
Any Text WCAG AA × Fail

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 13.7060, -7.2831, 6.0241 Background



This preview shows how black text looks on a background with the HunterLab color 13.7060, -7.2831, 6.0241.



This preview shows how white text looks on a background with the HunterLab color 13.7060, -7.2831, 6.0241.

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

13.7060, -7.2831, 6.0241

Protanopia

13.6117, -1.3969, 6.2278

Deuteranopia

13.7463, 0.2931, 5.8182



Tritanopia

13.6833, -2.5460, -1.5161

Trichromacy



Original Color

13.7060, -7.2831, 6.0241

Protanomaly

13.5859, -3.9074, 6.1639

Deuteranomaly

13.5719, -2.6860, 5.8159

Tritanomaly

13.6114, -4.4960, 1.7164

Monochromacy



Original Color

13.7060, -7.2831, 6.0241

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.6574, -3.3180, 2.8842

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7060, -7.2831, 6.0241 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(23, 42, 17)` looks like.

```
.text, #text, p{  
    color:rgb(23, 42, 17)  
}
```

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(23, 42, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 42, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7060, -7.2831, 6.0241 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(23, 42, 17) }
```


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

```
.border{ border-color:rgb(23, 42, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 42, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 42, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 42, 17);  
box-shadow:4px 4px 4px 4px rgb(23, 42, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.7060, -7.2831, 6.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 42, 17) }
```

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

```
.background{ background-color: rgb(23, 42,  
17) }
```

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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