

Converting Colors

HunterLab(13.6140, 18.0939,
7.0474)

Have a look what the booklet for
HunterLab(13.6140, 18.0939,
7.0474) contains.

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Color

**HunterLab(13.6140, 18.0939,
7.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0D0D
RGB	76, 13, 13
RGB Percent	30%, 5%, 5%
CMY	0.7020, 0.9490, 0.9490
CMYK	0.00, 0.83, 0.83, 0.70
HSL	0°, 71%, 17%
HSV	0°, 83%, 30%
XYZ	3.1971, 1.8534, 0.5700
YIQ	31.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

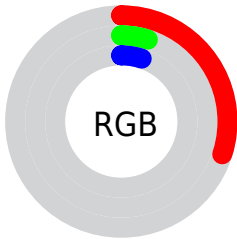
Format	Color
RYB	76, 13, 13
Decimal	4984077
CIELab	14.70, 29.08, 17.19
CIElCh	15, 33.780, 30.589
Yxy	1.8535, 0.5688, 0.3298
Android (android.graphics.Color)	4283174157 (0xFF4C0D0D)
YUV	31.8370, -9.2866, 38.7310
Hunter-Lab	13.6140, 18.0939, 7.0474

Details

The HunterLab color **13.6140, 18.0939, 7.0474** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.0325, -11.9415, -2.2689**, and the grayscale version is **11.9878, -0.6396, 0.6513**.

A 20% lighter version of the original color is **28.9289, 20.8786, 10.5234**, and **3.1868, 5.4575, 2.0592** is the 20% darker color. If you saturate the color by 10%, you get **12.9061, 19.8571, 7.5879**, and if you desaturate by 10%, it is **14.5295, 16.0132, 6.4170**.

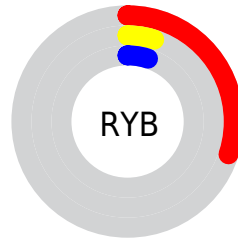
Distribution



Red (30%)

Green (5%)

Blue (5%)



Red (30%)

Yellow (5%)

Blue (5%)

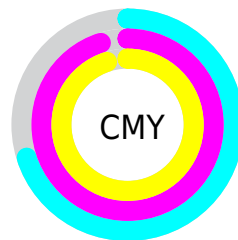


Cyan (0%)

Magenta (83%)

Yellow (83%)

Black (70%)



Cyan (70%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.6140, 18.0939, 7.0474 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 13.6140, 18.0939, 7.0474 by changing the saturation by 10% instead.

■ 13.6140, 18.0939,
7.0474

■ 13.6140, 18.0939,
7.0474

■ 106.1374, 26.2451,
21.3929

■ 7.2125, 18.5326,
5.0488

■ 28.8943, 20.7458,
10.5551

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.8517, 21.8591,
12.2319

0.0000, NaN, NaN

■ 47.5809, 22.8433,
13.8386

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.0250, 23.7120,
15.3975

0.0000, NaN, NaN


■ 69.1380, 24.4772,
16.9235


0.0000, NaN, NaN


■ 80.8818, 25.1490,


0.0000, NaN, NaN


18.4268


 93.2241, 25.7359,
19.9147


 13.6140, 18.0939,
7.0474


 13.6140, 18.0939,
7.0474

 12.9061, 19.8571,
7.5879


 14.5295, 16.0132,
6.4170

 12.3960, 21.2261,
8.0100

 15.6891, 13.6454,
5.7072

 17.0661, 11.1434,
4.9680

 18.6307, 8.6183,
4.2346

 20.3552, 6.1371,
3.5275

■ 22.2154, 3.7335,
2.8561

■ 24.1912, 1.4192,
2.2229

■ 26.2662, -0.8061,
1.6267

■ 28.4271, -2.9488,
1.0644

Harmonies

Analogous

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



13.6144, 21.8612, 0.9129



13.6140, 18.0939, 7.0474



13.6144, 9.0943, 9.5301

Triad

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



13.6144, 18.0925, 7.0476



13.6144, -12.9650, 6.8646



13.6144, -0.5449, -29.1085

Complementary

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



13.6140, 18.0939, 7.0474



24.0325, -11.9415, -2.2689

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.



13.6144, -8.3706, -23.5778



13.6140, 18.0939, 7.0474



13.6144, -14.3579, 0.5670

Square

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



13.6144, 18.0925, 7.0476



13.6144, -8.6102, 9.5301



13.6144, -12.8539, -10.9042



13.6144, 9.4947, -23.1609

Rectangle

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



13.6140, 18.0939, 7.0474



13.6144, 2.2879, 9.5301



13.6144, -12.8539, -10.9042



13.6144, -3.5007, -28.5062

Sweetspot

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



13.6144, 18.0925, 7.0476



28.5606, 5.8875, 4.0364



15.3171, 24.8078, -16.5940



14.3982, 3.3292, 2.1559



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



13.6144, 18.0925, 7.0476



16.4377, 27.8234, 10.5129



18.4510, 6.1423, 10.2534



13.0511, 0.2437, 1.0243



16.8076, 28.7810, 10.8606



40.9155, 70.0667, 26.4386

Inverse Universe

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



24.0325, -11.9415, -2.2689



31.5019, -16.6537, -3.3102



15.6404, -0.0952, -16.2838



13.7519, -1.6260, 0.4480



32.3428, -17.1451, -3.4144



78.7346, -41.7374, -8.3124

Previews

White Background



This preview shows how the HunterLab color 13.6140, 18.0939, 7.0474 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

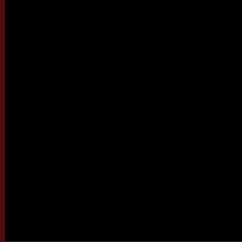
Any Text WCAG AA × Fail

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 13.6140, 18.0939, 7.0474 Background



This preview shows how black text looks on a background with the HunterLab color 13.6140, 18.0939, 7.0474.

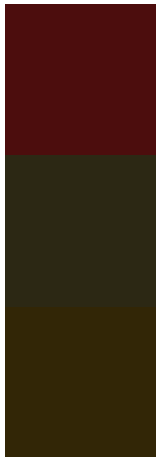


This preview shows how white text looks on a background with the HunterLab color 13.6140, 18.0939,

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

13.6140, 18.0939, 7.0474

Protanopia

14.5037, -1.7052, 6.2018

Deuteranopia

14.4135, 0.0573, 8.1738



Tritanopia

13.6140, 18.0939, 7.0474

Trichromacy



Original Color

13.6140, 18.0939, 7.0474

Protanomaly

13.4528, 5.6001, 6.0503

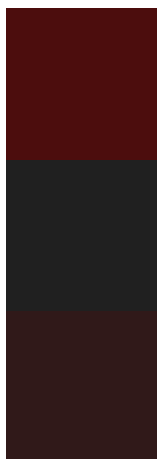
Deuteranomaly

13.5213, 6.5993, 7.3140

Tritanomaly

13.6140, 18.0939, 7.0474

Monochromacy



Original Color

13.6140, 18.0939, 7.0474

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.8060, 5.6777, 2.7555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.6140, 18.0939, 7.0474 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(76, 13, 13)` looks like.

```
.text, #text, p{  
    color:rgb(76, 13, 13)  
}
```

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(76, 13, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 13, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 13.6140, 18.0939, 7.0474 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(76, 13, 13) }
```


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

```
.border{ border-color:rgb(76, 13, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 13, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 13, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 13, 13);  
box-shadow:4px 4px 4px 4px rgb(76, 13, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.6140, 18.0939, 7.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 13, 13) }
```

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

```
.background{ background-color: rgb(76, 13,  
13) }
```

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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