

Converting Colors

HunterLab(13.0558, 20.0656,
6.8613)

Have a look what the booklet for
HunterLab(13.0558, 20.0656,
6.8613) contains.

HunterLab(13.0127, 19.9161, 6.7822)	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(13.0127, 19.9161,
6.7822)**

Conversions

Conversions Part 1

Format	Color
Hex	4C060C
RGB	76, 6, 12
RGB Percent	30%, 2%, 5%
CMY	0.7020, 0.9764, 0.9529
CMYK	0.00, 0.92, 0.84, 0.70
HSL	355°, 85%, 16%
HSV	355°, 92%, 30%
XYZ	3.1120, 1.6933, 0.5107
YIQ	27.6140, 39.7940, 16.7060

Conversions

Conversions Part 2

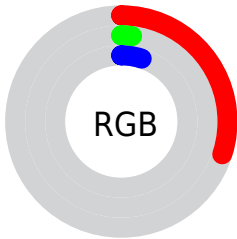
Format	Color
R_{YB}	76, 6, 12
Decimal	4982284
CIE _{Lab}	13.79, 31.56, 16.47
CIE _{LCh}	14, 35.598, 27.556
Yxy	1.6934, 0.5854, 0.3185
Android (android.graphics.Color)	4283172364 (0xFF4C060C)
YUV	27.6140, -7.6977, 42.4345
Hunter-Lab	13.0127, 19.9161, 6.7822

Details

The HunterLab color **13.0127, 19.9161, 6.7822** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.7695, -13.3209, -0.0419**, and the grayscale version is **10.6725, -0.5695, 0.5799**.

A 20% lighter version of the original color is **28.1920, 22.5819, 10.1657**, and **2.7958, 4.7878, 1.8066** is the 20% darker color. If you saturate the color by 10%, you get **12.4529, 21.4406, 7.1589**, and if you desaturate by 10%, it is **13.7365, 18.1855, 6.1333**.

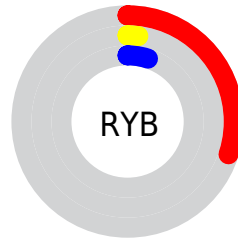
Distribution



Red (30%)

Green (2%)

Blue (5%)



Red (30%)

Yellow (2%)

Blue (5%)

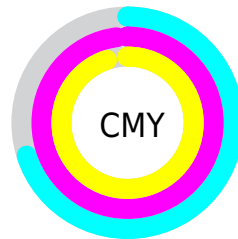


Cyan (0%)

Magenta (92%)

Yellow (84%)

Black (70%)



Cyan (70%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0127, 19.9161, 6.7822 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 13.0127, 19.9161, 6.7822 by changing the saturation by 10% instead.

13.0127, 19.9161,
6.7822

13.0127, 19.9161,
6.7822

104.9384, 29.0782,
20.6598

6.4760, 22.1091,
4.5332

28.1192, 22.7925,
10.1021

0.0000, INF, NaN

0.0000, NaN, NaN

37.0030, 24.0280,
11.7314

0.0000, NaN, NaN

46.6645, 25.1322,
13.2937

0.0000, NaN, NaN

0.0000, NaN, NaN

57.0455, 26.1173,
14.8109

0.0000, NaN, NaN


68.0993, 26.9950,
16.2975


0.0000, NaN, NaN


79.7870, 27.7755,


0.0000, NaN, NaN


17.7634


 92.0761, 28.4674,
19.2157


 13.0127, 19.9161,
6.7822


 13.0127, 19.9161,
6.7822


 12.4529, 21.4406,
7.1589

 13.7365, 18.1855,
6.1333

 14.6783, 16.1187,
5.4034

 15.8577, 13.7565,
4.6744

 17.2475, 11.2480,
3.9860

 18.8187, 8.7010,
3.3599

■ 20.5448, 6.1819,
2.8041

■ 22.4024, 3.7249,
2.3178

■ 24.3723, 1.3436,
1.8956

■ 26.4388, -0.9605,
1.5306

Harmonies

Analogous

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



13.0131, 23.2028, -0.0587



13.0127, 19.9161, 6.7822



13.0131, 10.6943, 9.1092

Triad

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



13.0131, 19.9146, 6.7824



13.0131, -12.9315, 7.6199



13.0131, -1.4688, -31.6200

Complementary

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



13.0127, 19.9161, 6.7822



23.7695, -13.3209, -0.0419

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.



13.0131, -9.1538, -24.3382



13.0127, 19.9161, 6.7822



13.0131, -14.7812, 1.4314

Square

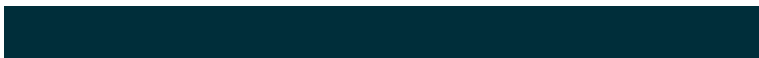
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.0131, 19.9146, 6.7824



13.0131, -8.1472, 9.1092



13.0131, -13.4398, -10.2412



13.0131, 8.9364, -26.2444

Rectangle

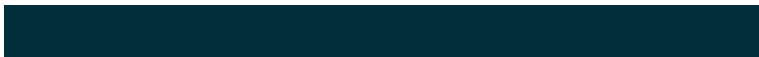
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13.0127, 19.9161, 6.7822



13.0131, 3.5030, 9.1092



13.0131, -13.4398, -10.2412



13.0131, -4.4203, -30.5004

Sweetspot

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



13.0131, 19.9146, 6.7824



27.8496, 7.1687, 3.4980



13.8470, 25.0620, -20.3054



13.9669, 4.0979, 1.8799



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.



13.0131, 19.9146, 6.7824



16.4217, 28.2364, 9.7302



16.4131, 10.2711, 9.6705



13.0584, 0.2837, 0.9190



16.8639, 28.9935, 10.0171



40.9752, 70.2916, 25.5447

Inverse Universe

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



13.0131, 19.9146, 6.7824



16.4217, 28.2364, 9.7302



16.3543, -2.0244, -14.7461



13.0584, 0.2837, 0.9190



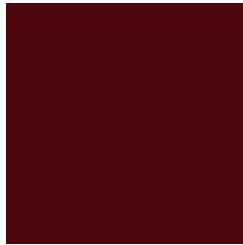
16.8639, 28.9935, 10.0171



40.9752, 70.2916, 25.5447

Previews

White Background



This preview shows how the HunterLab color 13.0127, 19.9161, 6.7822 looks on a white background.

Color Contrast Check

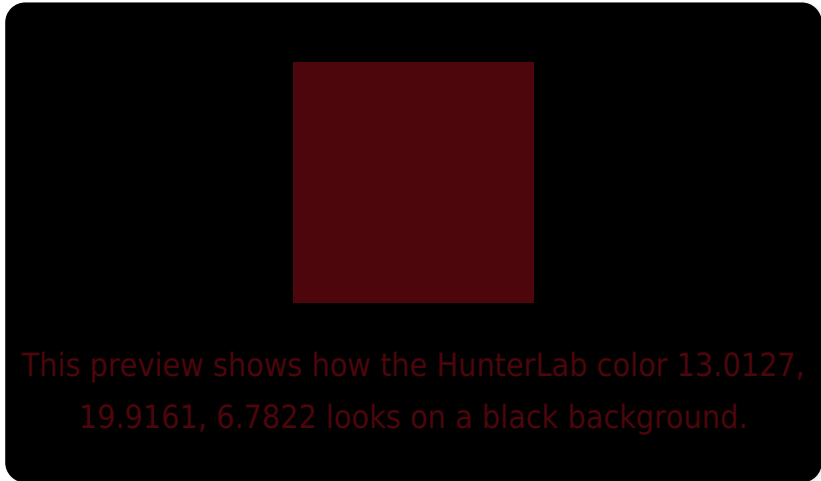
Large Text (above 18pt) WCAG AA ✓ Pass

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

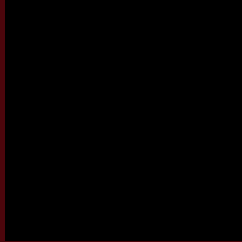
Any Text WCAG AA × Fail

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 13.0127, 19.9161, 6.7822 Background



This preview shows how black text looks on a background with the HunterLab color 13.0127, 19.9161, 6.7822.

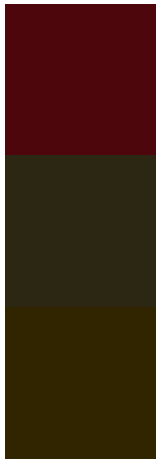


This preview shows how white text looks on a background with the HunterLab color 13.0127, 19.9161,

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

13.0127, 19.9161, 6.7822

Protanopia

14.1833, -1.6723, 6.1349

Deuteranopia

14.0574, -0.1164, 8.6601



Tritanopia

13.0278, 19.3800, 7.8442

Trichromacy



Original Color

13.0127, 19.9161, 6.7822

Protanomaly

12.7809, 6.4180, 5.7138

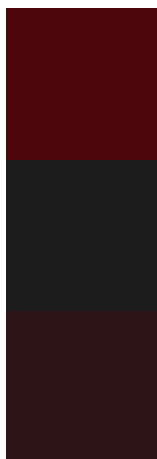
Deuteranomaly

12.9513, 7.5868, 7.5875

Tritanomaly

13.0530, 19.4792, 7.4711

Monochromacy



Original Color

13.0127, 19.9161, 6.7822

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.5647, 6.4698, 2.3633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0127, 19.9161, 6.7822 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, 6, 12)` looks like.

```
.text, #text, p{  
    color:rgb(76, 6, 12)  
}
```

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, 6, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 6, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0127, 19.9161, 6.7822 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, 6, 12) }
```


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

```
.border{ border-color:rgb(76, 6, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 6, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 6, 12); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 6, 12); box-shadow:4px  
4px 4px 4px rgb(76, 6, 12) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.0127, 19.9161, 6.7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 6, 12) }
```

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

```
.background{ background-color: rgb(76, 6,  
12) }
```

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