

Converting Colors

HunterLab(11.9359, 26.2455,
5.9391)

Have a look what the booklet for
HunterLab(11.9359, 26.2455,
5.9391) contains.

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Color

**HunterLab(13.0051, 22.4950,
6.6716)**

Conversions

Conversions Part 1

Format	Color
Hex	4F000D
RGB	79, 0, 13
RGB Percent	31%, 0%, 5%
CMY	0.6902, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.84, 0.69
HSL	350°, 100%, 15%
HSV	350°, 100%, 31%
XYZ	3.2971, 1.6913, 0.5334
YIQ	25.1030, 42.9110, 20.7910

Conversions

Conversions Part 2

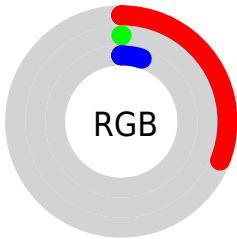
Format	Color
R_{YB}	79, 0, 13
Decimal	5177357
CIE _{Lab}	13.78, 34.72, 16.12
CIE _{LCh}	14, 38.281, 24.908
Yxy	1.6914, 0.5971, 0.3063
Android (android.graphics.Color)	4283367437 (0xFF4F000D)
YUV	25.1030, -5.9668, 47.2677
Hunter-Lab	13.0051, 22.4950, 6.6716

Details

The HunterLab color **13.0051, 22.4950, 6.6716** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.4650, -15.2376, 2.3153**, and the grayscale version is **9.9000, -0.5282, 0.5379**.

A 20% lighter version of the original color is **28.1070, 25.8682, 9.8801**, and **3.5861, 6.1412, 2.3172** is the 20% darker color. If you saturate the color by 10%, you get **13.0050, 22.4948, 6.6722**, and if you desaturate by 10%, it is **13.7221, 20.6431, 6.0373**.

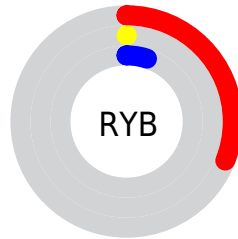
Distribution



Red (31%)

Green (0%)

Blue (5%)



Red (31%)

Yellow (0%)

Blue (5%)

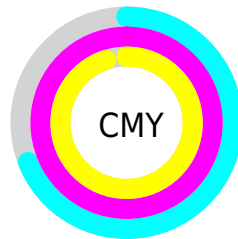


Cyan (0%)

Magenta (100%)

Yellow (84%)

Black (69%)



Cyan (69%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0051, 22.4950, 6.6716 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 13.0051, 22.4950, 6.6716 by changing the saturation by 10% instead.

13.0051, 22.4950,
6.6716

13.0051, 22.4950,
6.6716

104.9232, 32.7800,
20.3693

6.4661, 24.9243,
4.5263

28.1094, 25.5999,
9.9561

0.0000, INF, NaN

0.0000, NaN, NaN

36.9922, 26.9685,
11.5591

0.0000, NaN, NaN

46.6529, 28.2064,
13.0977

0.0000, NaN, NaN

0.0000, NaN, NaN

57.0331, 29.3234,
14.5933

0.0000, NaN, NaN


68.0861, 30.3300,
16.0598


0.0000, NaN, NaN


79.7731, 31.2360,


0.0000, NaN, NaN


17.5070


 92.0615, 32.0502,
18.9418


 13.0051, 22.4950,
6.6716


 13.0051, 22.4950,
6.6716


 13.0050, 22.4948,
6.6722

 13.7221, 20.6431,
6.0373

 14.5003, 18.8862,
5.2214

 15.5311, 16.6870,
4.4250

 16.8027, 14.1855,
3.7053

 18.2866, 11.5322,
3.0887

■ 19.9531, 8.8345,
2.5831

■ 21.7753, 6.1581,
2.1842

■ 23.7299, 3.5372,
1.8819

■ 25.7979, 0.9858,
1.6642

Harmonies

Analogous

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



13.0055, 25.3917, -1.0718



13.0051, 22.4950, 6.6716



13.0055, 12.7132, 9.1039

Triad

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



13.0055, 22.4934, 6.6719



13.0055, -13.3583, 8.5476



13.0055, -2.4010, -35.3331

Complementary

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



13.0051, 22.4950, 6.6716



24.4650, -15.2376, 2.3153

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.



13.0055, -10.2100, -25.9422



13.0051, 22.4950, 6.6716



13.0055, -15.6391, 2.2670

Square

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



13.0055, 22.4934, 6.6719



13.0055, -8.0090, 9.1039



13.0055, -14.4967, -9.9461



13.0055, 8.7087, -30.4439

Rectangle

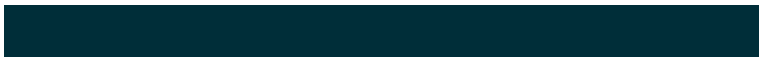
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13.0051, 22.4950, 6.6716



13.0055, 4.8556, 9.1039



13.0055, -14.4967, -9.9461



13.0055, -5.4464, -33.6135

Sweetspot

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



13.0055, 22.4934, 6.6719



28.1250, 8.3956, 2.8963



13.1039, 26.7463, -24.9261



13.7730, 4.5707, 1.4984



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.



13.0055, 22.4934, 6.6719



16.9250, 29.2196, 9.1146



15.5437, 14.1556, 9.8252



13.0653, 0.3206, 0.8213



41.0837, 70.6939, 23.9370

Inverse Universe

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



13.0055, 22.4934, 6.6719



16.9250, 29.2196, 9.1146



17.5517, -3.5680, -14.2347



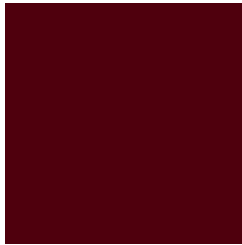
13.0653, 0.3206, 0.8213



41.0837, 70.6939, 23.9370

Previews

White Background



This preview shows how the HunterLab color 13.0051, 22.4950, 6.6716 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

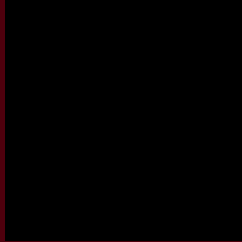
Any Text WCAG AA × Fail

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 13.0051, 22.4950, 6.6716 Background



This preview shows how black text looks on a background with the HunterLab color 13.0051, 22.4950, 6.6716.

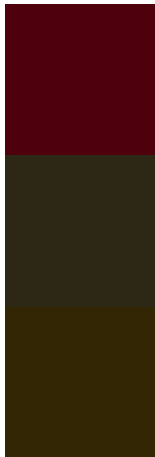


This preview shows how white text looks on a background with the HunterLab color 13.0051, 22.4950,

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

13.0051, 22.4950, 6.6716

Protanopia

14.5162, -1.6358, 6.0184

Deuteranopia

14.4872, 0.2787, 8.4618



Tritanopia

13.4693, 20.1671, 8.6528

Trichromacy



Original Color

13.0051, 22.4950, 6.6716

Protanomaly

12.6838, 7.9781, 5.2803

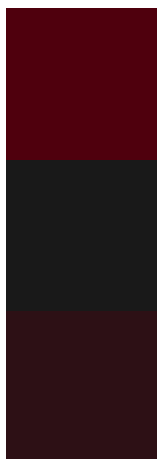
Deuteranomaly

12.8868, 9.1600, 7.1764

Tritanomaly

13.2667, 21.1201, 7.9030

Monochromacy



Original Color

13.0051, 22.4950, 6.6716

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.9127, 7.9140, 2.0032

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0051, 22.4950, 6.6716 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(79, 0, 13)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 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(79, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0051, 22.4950, 6.6716 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(79, 0, 13) }
```

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

```
.border{ border-color:rgb(79, 0, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 0, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 0, 13); box-shadow:4px  
4px 4px 4px rgb(79, 0, 13) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.0051, 22.4950, 6.6716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 13) }
```

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

```
.background{ background-color: rgb(79, 0,  
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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