

Converting Colors

HunterLab(13.0146, 22.6003,
5.9874)

Have a look what the booklet for
HunterLab(13.0146, 22.6003,
5.9874) contains.

HunterLab(13.0489, 22.6568, 6.0277)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(13.0489, 22.6568,
6.0277)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0011
RGB	79, 0, 17
RGB Percent	31%, 0%, 7%
CMY	0.6902, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.78, 0.69
HSL	347°, 100%, 15%
HSV	347°, 100%, 31%
XYZ	3.3256, 1.7027, 0.6837
YIQ	25.5590, 41.6270, 22.0350

Conversions

Conversions Part 2

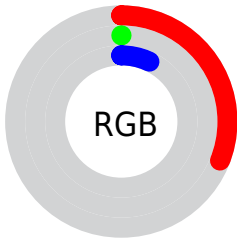
Format	Color
R_{YB}	79, 0, 17
Decimal	5177361
CIE _{Lab}	13.84, 34.90, 14.09
CIE _{LCh}	14, 37.638, 21.982
Yxy	1.7028, 0.5822, 0.2981
Android (android.graphics.Color)	4283367441 (0xFF4F0011)
YUV	25.5590, -4.2196, 46.8678
Hunter-Lab	13.0489, 22.6568, 6.0277

Details

The HunterLab color **13.0489, 22.6568, 6.0277** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.3718, -15.8030, 3.6524**, and the grayscale version is **10.0336, -0.5354, 0.5451**.

A 20% lighter version of the original color is **28.1608, 26.1101, 9.0982**, and **3.7208, 6.3721, 2.4043** is the 20% darker color. If you saturate the color by 10%, you get **13.0488, 22.6565, 6.0284**, and if you desaturate by 10%, it is **13.7715, 20.8365, 5.3152**.

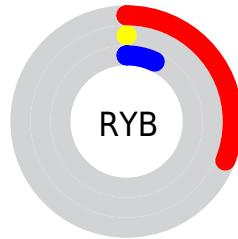
Distribution



Red (31%)

Green (0%)

Blue (7%)



Red (31%)

Yellow (0%)

Blue (7%)

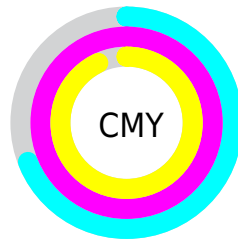


Cyan (0%)

Magenta (100%)

Yellow (78%)

Black (69%)



Cyan (69%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0489, 22.6568, 6.0277 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 13.0489, 22.6568, 6.0277 by changing the saturation by 10% instead.

13.0489, 22.6568,
6.0277

13.0489, 22.6568,
6.0277

105.0110, 32.9981,
18.6588

6.5230, 24.9313,
4.5661

28.1660, 25.7727,
9.0900

0.0000, INF, NaN

0.0000, NaN, NaN

37.0543, 27.1478,
10.5387

0.0000, NaN, NaN

46.7199, 28.3923,
11.9389

0.0000, NaN, NaN

0.0000, NaN, NaN

57.1048, 29.5159,
13.3080

0.0000, NaN, NaN


68.1621, 30.5291,
14.6577


0.0000, NaN, NaN


79.8533, 31.4416,


0.0000, NaN, NaN


15.9959


 92.1456, 32.2621,
17.3283


 13.0489, 22.6568,
6.0277


 13.0489, 22.6568,
6.0277


 13.0488, 22.6565,
6.0284

 13.7715, 20.8365,
5.3152

 14.5527, 19.1020,
4.4593

 15.5833, 16.9142,
3.6689

 16.8520, 14.4112,
2.9949

 18.3306, 11.7435,
2.4555

■ 19.9902, 9.0197,
2.0504

■ 21.8042, 6.3073,
1.7692

■ 23.7498, 3.6424,
1.5970

■ 25.8081, 1.0409,
1.5184

Harmonies

Analogous

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



13.0493, 24.6603, -2.1403



13.0489, 22.6568, 6.0277



13.0493, 13.5587, 9.1345

Triad

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



13.0493, 22.6552, 6.0280



13.0493, -12.8124, 8.9164



13.0493, -3.2985, -34.0562

Complementary

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



13.0489, 22.6568, 6.0277



24.3718, -15.8030, 3.6524

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.



13.0493, -10.6388, -23.8586



13.0489, 22.6568, 6.0277



13.0493, -15.3563, 3.0347

Square

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



13.0493, 22.6552, 6.0280



13.0493, -7.2036, 9.1345



13.0493, -14.5654, -8.2771



13.0493, 7.4030, -30.6890

Rectangle

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



13.0489, 22.6568, 6.0277



13.0493, 5.8745, 9.1345



13.0493, -14.5654, -8.2771



13.0493, -6.1804, -31.9337

Sweetspot

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



13.0493, 22.6552, 6.0280



28.1640, 8.5955, 2.3381



12.5898, 26.0417, -26.6220



13.7937, 4.6760, 1.2025



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.



13.0493, 22.6552, 6.0280



16.9779, 29.4151, 8.3357



15.0033, 15.6089, 9.5176



13.0697, 0.3445, 0.7582



41.1890, 71.0835, 22.3822

Inverse Universe

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



13.0493, 22.6552, 6.0280



16.9779, 29.4151, 8.3357



18.5827, -5.0892, -12.2397



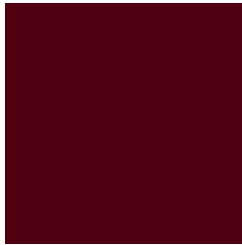
13.0697, 0.3445, 0.7582



41.1890, 71.0835, 22.3822

Previews

White Background



This preview shows how the HunterLab color 13.0489, 22.6568, 6.0277 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

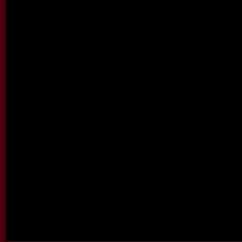
Any Text WCAG AA × Fail

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 13.0489, 22.6568, 6.0277 Background



This preview shows how black text looks on a background with the HunterLab color 13.0489, 22.6568, 6.0277.

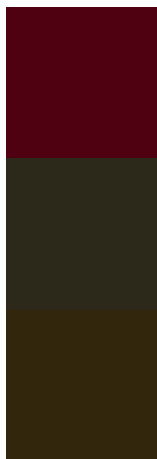


This preview shows how white text looks on a background with the HunterLab color 13.0489, 22.6568,

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

13.0489, 22.6568, 6.0277

Protanopia

14.5864, -1.2478, 4.9938

Deuteranopia

14.4599, 0.3084, 7.4893



Tritanopia

13.4856, 20.2310, 8.4114

Trichromacy



Original Color

13.0489, 22.6568, 6.0277

Protanomaly

12.7553, 8.3202, 4.2375

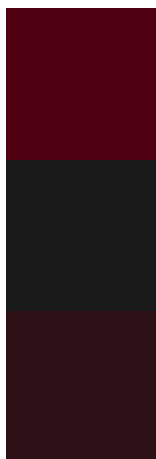
Deuteranomaly

12.9502, 9.4580, 6.2433

Tritanomaly

13.2832, 21.1834, 7.6587

Monochromacy



Original Color

13.0489, 22.6568, 6.0277

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.1027, 7.7151, 1.6031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0489, 22.6568, 6.0277 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, 17)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 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(79, 0, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0489, 22.6568, 6.0277 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, 17) }
```

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

```
.border{ border-color:rgb(79, 0, 17) }
```

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, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 0, 17); box-shadow:4px  
4px 4px 4px rgb(79, 0, 17) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.0489, 22.6568, 6.0277 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, 17) }
```

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

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

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