

Converting Colors

HunterLab(13.0521, 17.3597,
6.9083)

Have a look what the booklet for
HunterLab(13.0521, 17.3597,
6.9083) contains.

HunterLab(13.0521, 17.3597, 6.9083)	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(13.0521, 17.3597,
6.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	490C0B
RGB	73, 12, 11
RGB Percent	29%, 5%, 4%
CMY	0.7137, 0.9529, 0.9569
CMYK	0.00, 0.84, 0.85, 0.71
HSL	1°, 74%, 16%
HSV	1°, 85%, 29%
XYZ	2.9395, 1.7036, 0.4905
YIQ	30.1250, 36.6770, 12.6210

Conversions

Conversions Part 2

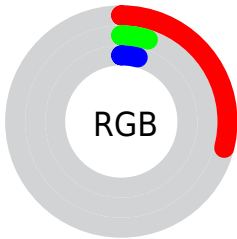
Format	Color
R_{YB}	73, 12, 11
Decimal	4787211
CIE Lab	13.85, 28.29, 16.86
CIE LCh	14, 32.933, 30.794
Yxy	1.7037, 0.5726, 0.3319
Android (android.graphics.Color)	4282977291 (0xFF490C0B)
YUV	30.1250, -9.4286, 37.6014
Hunter-Lab	13.0521, 17.3597, 6.9083

Details

The HunterLab color **13.0521, 17.3597, 6.9083** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.7735, -11.1846, -2.5732**, and the grayscale version is **11.4542, -0.6112, 0.6223**.

A 20% lighter version of the original color is **28.1668, 19.6948, 10.3547**, and **1.7962, 3.0761, 1.1607** is the 20% darker color. If you saturate the color by 10%, you get **12.3663, 19.0674, 7.4444**, and if you desaturate by 10%, it is **13.9039, 15.4061, 6.3416**.

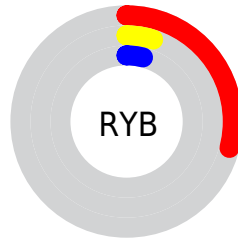
Distribution



Red (29%)

Green (5%)

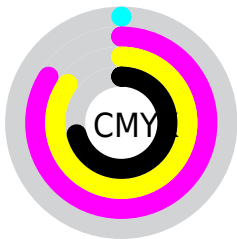
Blue (4%)



Red (29%)

Yellow (5%)

Blue (4%)

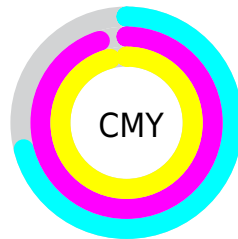


Cyan (0%)

Magenta (84%)

Yellow (85%)

Black (71%)



Cyan (71%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0521, 17.3597, 6.9083 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 13.0521, 17.3597, 6.9083 by changing the saturation by 10% instead.

13.0521, 17.3597,
6.9083

13.0521, 17.3597,
6.9083

105.0174, 25.2947,
20.9943

6.5271, 19.2580,
4.5690

28.1702, 19.9680,
10.2737

0.0000, INF, NaN

0.0000, NaN, NaN

37.0588, 21.0570,
11.9325

0.0000, NaN, NaN

46.7248, 22.0163,
13.5215

0.0000, NaN, NaN

0.0000, NaN, NaN

57.1100, 22.8599,
15.0631

0.0000, NaN, NaN


68.1676, 23.6001,
16.5722


0.0000, NaN, NaN


79.8591, 24.2471,


0.0000, NaN, NaN


18.0592


 92.1517, 24.8095,
19.5314


 13.0521, 17.3597,
6.9083


 13.0521, 17.3597,
6.9083


 12.3663, 19.0674,
7.4444


 13.9039, 15.4061,
6.3416

 12.0088, 20.0162,
7.7502

 14.9815, 13.1871,
5.6868

 16.2610, 10.8416,
4.9901

 17.7155, 8.4726,
4.2860

 19.3199, 6.1431,
3.5959

■ 21.0518, 3.8855,
2.9310

■ 22.8928, 1.7120,
2.2957

■ 24.8274, -0.3768,
1.6904

■ 26.8433, -2.3867,
1.1132

Harmonies

Analogous

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



13.0525, 21.0302, 0.9327



13.0521, 17.3597, 6.9083



13.0525, 8.6803, 9.1367

Triad

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



13.0525, 17.3583, 6.9085



13.0525, -12.5111, 6.6575



13.0525, -0.4606, -28.0227

Complementary

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



13.0521, 17.3597, 6.9083



22.7735, -11.1846, -2.5732

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.



13.0525, -8.0017, -22.7658



13.0521, 17.3597, 6.9083



13.0525, -13.9077, 0.4843

Square

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



13.0525, 17.3583, 6.9085



13.0525, -8.3121, 9.1367



13.0525, -12.3587, -10.5809



13.0525, 9.1996, -22.2243

Rectangle

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



13.0521, 17.3597, 6.9083



13.0525, 2.1364, 9.1367



13.0525, -12.3587, -10.5809



13.0525, -3.3079, -27.4693

Sweetspot

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



13.0525, 17.3583, 6.9085



27.1570, 5.3493, 3.8999



14.6180, 24.1161, -16.1362



13.8096, 3.0303, 2.0925



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



13.0525, 17.3583, 6.9085



15.5930, 26.1567, 10.0662



17.5970, 6.0880, 9.8830



12.3201, 0.1898, 0.9740



16.4713, 27.6620, 10.6338



40.5001, 68.8513, 26.1613

Inverse Universe

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



22.7735, -11.1846, -2.5732



29.3461, -15.2563, -3.7460



14.8598, 0.0450, -15.9926



12.9418, -1.4949, 0.4117



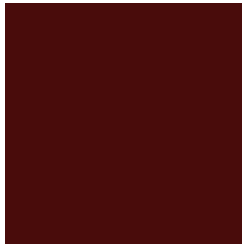
31.0078, -16.1180, -3.9628



76.4626, -39.6854, -9.9023

Previews

White Background



This preview shows how the HunterLab color 13.0521, 17.3597, 6.9083 looks on a white background.

Color Contrast Check

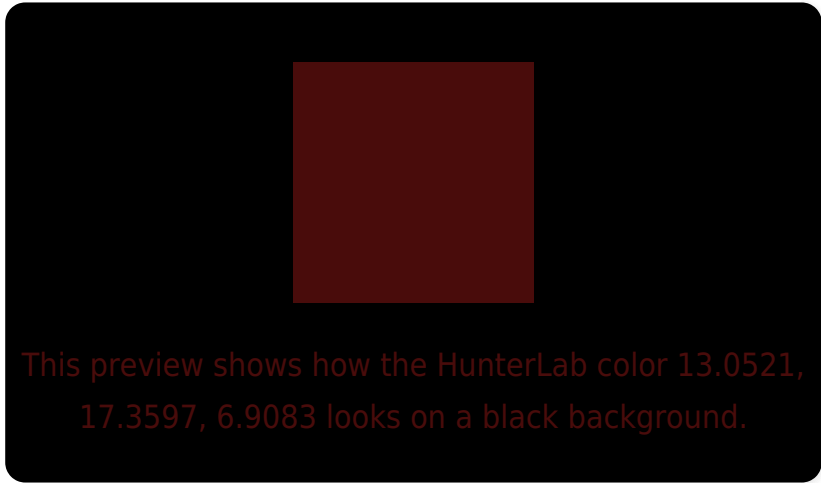
Large Text (above 18pt) WCAG AA ✓ Pass

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

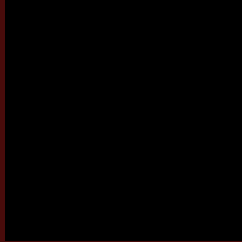
Any Text WCAG AA × Fail

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 13.0521, 17.3597, 6.9083 Background



This preview shows how black text looks on a background with the HunterLab color 13.0521, 17.3597, 6.9083.

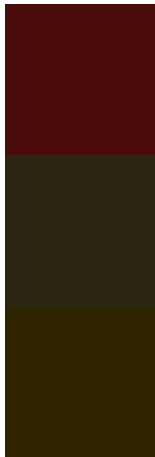


This preview shows how white text looks on a background with the HunterLab color 13.0521, 17.3597,

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

13.0521, 17.3597, 6.9083

Protanopia

13.8526, -1.7032, 6.2363

Deuteranopia

13.7482, -0.0424, 8.4708



Tritanopia

13.0521, 17.3597, 6.9083

Trichromacy



Original Color

13.0521, 17.3597, 6.9083

Protanomaly

12.9232, 4.9231, 5.9760

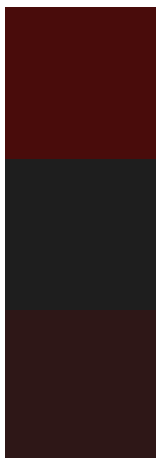
Deuteranomaly

12.8938, 6.5246, 7.5311

Tritanomaly

13.0521, 17.3597, 6.9083

Monochromacy



Original Color

13.0521, 17.3597, 6.9083

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.2049, 5.6854, 2.7146

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0521, 17.3597, 6.9083 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(73, 12, 11)` looks like.

```
.text, #text, p{  
  color:rgb(73, 12, 11)  
}
```

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(73, 12, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 12, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0521, 17.3597, 6.9083 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(73, 12, 11) }
```


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

```
.border{ border-color:rgb(73, 12, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 12, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 12, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 12, 11);  
box-shadow:4px 4px 4px 4px rgb(73, 12, 11)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0521, 17.3597, 6.9083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 12, 11) }
```

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

```
.background{ background-color: rgb(73, 12,  
11) }
```

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