

Converting Colors

HunterLab(13.3190, 15.5961,
6.0674)

Have a look what the booklet for
HunterLab(13.3190, 15.5961,
6.0674) contains.

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Color

**HunterLab(13.3453, 15.4369,
6.1375)**

Conversions

Conversions Part 1

Format	Color
Hex	471111
RGB	71, 17, 17
RGB Percent	28%, 7%, 7%
CMY	0.7216, 0.9333, 0.9333
CMYK	0.00, 0.76, 0.76, 0.72
HSL	0°, 61%, 17%
HSV	0°, 76%, 28%
XYZ	2.9002, 1.7810, 0.7212
YIQ	33.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

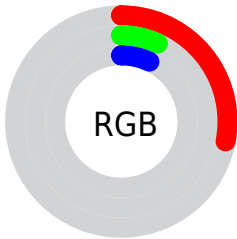
Format	Color
R_{YB}	71, 17, 17
Decimal	4657425
CIE Lab	14.29, 25.67, 14.33
CIE LCh	14, 29.395, 29.172
Yxy	1.7811, 0.5368, 0.3297
Android (android.graphics.Color)	4282847505 (0xFF471111)
YUV	33.1460, -7.9600, 33.1980
Hunter-Lab	13.3453, 15.4369, 6.1375

Details

The HunterLab color **13.3453, 15.4369, 6.1375** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.5391, -10.7627, -1.9811**, and the grayscale version is **12.3959, -0.6614, 0.6735**.

A 20% lighter version of the original color is **28.5585, 18.0207, 9.3229**, and **1.3914, 2.3828, 0.8991** is the 20% darker color. If you saturate the color by 10%, you get **12.5550, 17.2725, 6.6962**, and if you desaturate by 10%, it is **14.3648, 13.2982, 5.4950**.

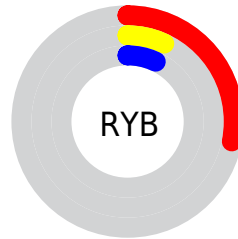
Distribution



Red (28%)

Green (7%)

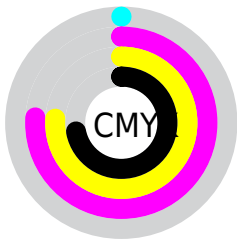
Blue (7%)



Red (28%)

Yellow (7%)

Blue (7%)

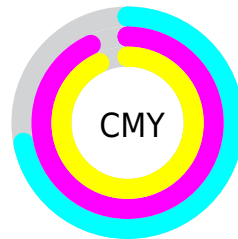


Cyan (0%)

Magenta (76%)

Yellow (76%)

Black (72%)



Cyan (72%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.3453, 15.4369, 6.1375 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 13.3453, 15.4369, 6.1375 by changing the saturation by 10% instead.

13.3453, 15.4369,
6.1375

13.3453, 15.4369,
6.1375

105.6032, 22.3051,
18.9236

6.8945, 16.4454,
4.8261

28.5485, 17.7963,
9.2633

0.0000, INF, NaN

0.0000, NaN, NaN

37.4732, 18.7568,
10.7273

0.0000, NaN, NaN

47.1723, 19.5910,
12.1417

0.0000, NaN, NaN

0.0000, NaN, NaN

57.5884, 20.3136,
13.5245

0.0000, NaN, NaN

68.6751, 20.9370,
14.8871

0.0000, NaN, NaN

80.3939, 21.4714,

0.0000, NaN, NaN

16.2376

■ 92.7126, 21.9251,
17.5818

■ 13.3453, 15.4369,
6.1375

■ 13.3453, 15.4369,
6.1375

■ 12.5550, 17.2725,
6.6962

■ 14.3648, 13.2982,
5.4950

■ 11.8601, 19.0431,
7.2395

■ 15.5890, 11.0069,
4.8155

■ 11.5745, 19.8194,
7.4791

■ 16.9915, 8.6727,
4.1344

■ 18.5465, 6.3659,
3.4734

■ 20.2313, 4.1238,
2.8436

■ 22.0265, 1.9618,
2.2484

■ 23.9166, -0.1180,
1.6877

■ 25.8886, -2.1203,
1.1589

■ 27.9322, -4.0527,
0.6586

Harmonies

Analogous

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



13.3457, 18.2770, 0.5144



13.3453, 15.4369, 6.1375



13.3457, 8.0624, 9.3420

Triad

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



13.3457, 15.4357, 6.1377



13.3457, -11.4689, 6.3664



13.3457, -0.9332, -23.5386

Complementary

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



13.3453, 15.4369, 6.1375



22.5391, -10.7627, -1.9811

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.



13.3457, -7.6799, -18.7737



13.3453, 15.4369, 6.1375



13.3457, -12.8353, 0.9350

Square

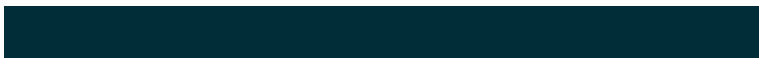
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.3457, 15.4357, 6.1377



13.3457, -7.3783, 9.3420



13.3457, -11.6122, -8.4867



13.3457, 7.5884, -19.2389

Rectangle

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



13.3453, 15.4369, 6.1375



13.3457, 2.2832, 9.3420



13.3457, -11.6122, -8.4867



13.3457, -3.4658, -22.9138

Sweetspot

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



13.3457, 15.4357, 6.1377



26.8006, 4.7451, 3.5263



14.8170, 21.4909, -14.3474



13.3380, 2.6561, 1.8537



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.3457, 15.4357, 6.1377



15.6927, 24.0503, 9.1944



17.8366, 4.8170, 9.3123



12.3075, 0.2117, 0.9598



16.3652, 28.0238, 10.5748



40.4018, 69.1873, 26.1067

Inverse Universe

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



22.5391, -10.7627, -1.9811



29.0539, -14.9904, -2.9286



15.4126, -0.6916, -13.4469



12.9552, -1.5162, 0.4273



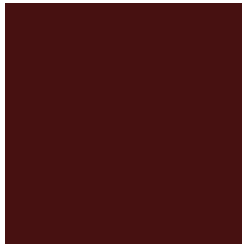
31.4920, -16.6943, -3.3241



77.7471, -41.2144, -8.2071

Previews

White Background



This preview shows how the HunterLab color 13.3453, 15.4369, 6.1375 looks on a white background.

Color Contrast Check

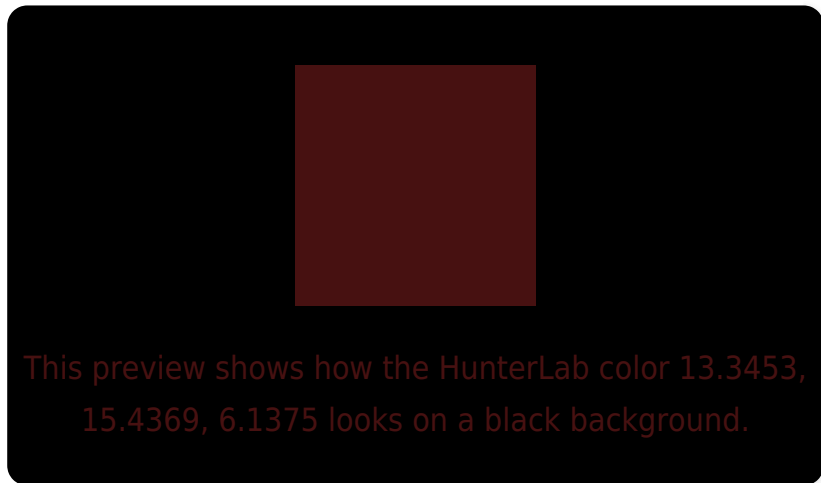
Large Text (above 18pt) WCAG AA ✓ Pass

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

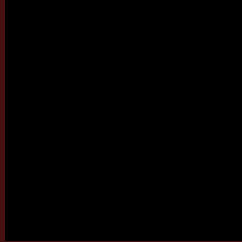
Any Text WCAG AA × Fail

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 13.3453, 15.4369, 6.1375 Background



This preview shows how black text looks on a background with the HunterLab color 13.3453, 15.4369, 6.1375.

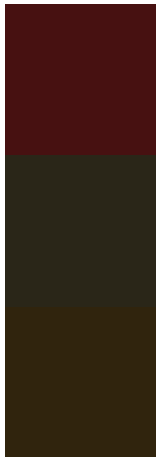


This preview shows how white text looks on a background with the HunterLab color 13.3453, 15.4369, 6.1375.

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

13.3453, 15.4369, 6.1375

Protanopia

13.9442, -1.1964, 4.8971

Deuteranopia

13.8535, 0.5268, 6.9161



Tritanopia

13.3453, 15.4369, 6.1375

Trichromacy



Original Color

13.3453, 15.4369, 6.1375

Protanomaly

13.1893, 4.9041, 5.0238

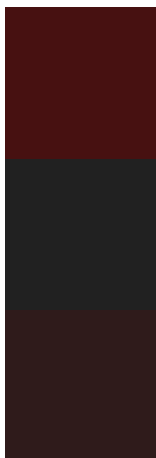
Deuteranomaly

13.2332, 5.8361, 6.3950

Tritanomaly

13.3453, 15.4369, 6.1375

Monochromacy



Original Color

13.3453, 15.4369, 6.1375

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.1134, 4.7669, 2.4724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3453, 15.4369, 6.1375 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(71, 17, 17)` looks like.

```
.text, #text, p{  
    color:rgb(71, 17, 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(71, 17, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 17, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3453, 15.4369, 6.1375 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(71, 17, 17) }
```


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

```
.border{ border-color:rgb(71, 17, 17) }
```

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

Here you see how a box with a 4 pixel rgb(71, 17, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 17, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 17, 17);  
box-shadow:4px 4px 4px 4px rgb(71, 17, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.3453, 15.4369, 6.1375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 17, 17) }
```

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

```
.background{ background-color: rgb(71, 17,  
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](#).

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