

Converting Colors

HunterLab(27.5114, -3.4461,
14.2449)

Have a look what the booklet for
HunterLab(27.5114, -3.4461,
14.2449) contains.

HunterLab(27.5114, -3.4461, 14.2449)	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(27.5114, -3.4461,
14.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	574E1E
RGB	87, 78, 30
RGB Percent	34%, 31%, 12%
CMY	0.6588, 0.6941, 0.8823
CMYK	0.00, 0.10, 0.66, 0.66
HSL	51°, 49%, 23%
HSV	51°, 66%, 34%
XYZ	6.8892, 7.5688, 2.3261
YIQ	75.2190, 20.7720, -13.0200

Conversions

Conversions Part 2

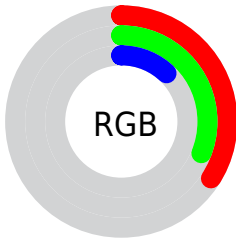
Format	Color
RYB	41, 87, 30
Decimal	5721630
CIELab	33.07, -3.03, 29.11
CIELCh	33, 29.263, 95.944
Yxy	7.5691, 0.4105, 0.4510
Android (android.graphics.Color)	4283911710 (0xFF574E1E)
YUV	75.2190, -22.2930, 10.3319
Hunter-Lab	27.5114, -3.4461, 14.2449

Details

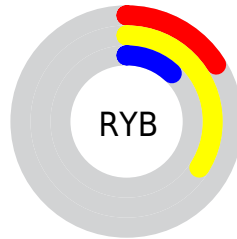
The HunterLab color **27.5114, -3.4461, 14.2449** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **15.5407, 7.0463, -24.7008**, and the grayscale version is **26.6763, -1.4234, 1.4494**.

A 20% lighter version of the original color is **46.0321, -4.7801, 19.4743**, and **12.6300, -1.6506, 7.7537** is the 20% darker color. If you saturate the color by 10%, you get **27.0879, -3.2751, 15.0489**, and if you desaturate by 10%, it is **27.9591, -3.5043, 13.1512**.

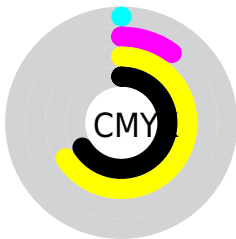
Distribution



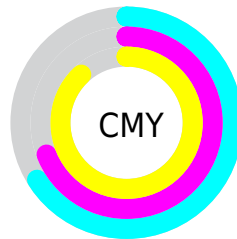
- Red (34%)
- Green (31%)
- Blue (12%)



- Red (16%)
- Yellow (34%)
- Blue (12%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (66%)



- Cyan (66%)
- Magenta (69%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5114, -3.4461, 14.2449 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 27.5114, -3.4461, 14.2449 by changing the saturation by 10% instead.

■ 27.5114, -3.4461,
14.2449

■ 27.5114, -3.4461,
14.2449

131.2678,
-10.3717, 34.4105

■ 19.5461, -2.8022,
11.4197

■ 45.9449, -4.8101,
19.3664

■ 12.5446, -2.1772,
8.7812

■ 56.2758, -5.5300,
21.7179

■ 5.8288, -2.5767,
4.0802

■ 67.2825, -6.2754,
23.9740

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.9258, -7.0461,
26.1562

0.0000, NaN, NaN

■ 91.1727, -7.8416,
28.2803

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.9946, -8.6613,

117.3669, -9.5049,
32.3991

27.5114, -3.4461,
14.2449

27.5114, -3.4461,
14.2449

27.0879, -3.2751,
15.0489

27.9591, -3.5043,
13.1512

26.6856, -2.9936,
15.5748

28.4295, -3.4431,
11.7602

26.2996, -2.6353,
15.9070

28.9238, -3.2615,
10.0695

26.1275, -2.4733,
16.0563

29.4419, -2.9592,
8.0796

29.9839, -2.5367,
5.7942

■ 30.5497, -1.9956,
3.2190

■ 31.1390, -1.3382,
0.3613

■ 31.7515, -0.5675,
-2.7700

■ 32.3867, 0.3131,
-6.1650

Harmonies

Analogous

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



27.5120, 6.8816, 13.5709



27.5114, -3.4461, 14.2449



27.5120, -11.9432, 12.6299

Triad

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



27.5120, -3.4471, 14.2451



27.5120, -15.4630, -11.6657



27.5120, 18.5509, -7.1239

Complementary

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



27.5114, -3.4461, 14.2449



15.5407, 7.0463, -24.7008

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.



27.5120, 10.8514, -17.9911



27.5114, -3.4461, 14.2449



27.5120, -8.9297, -21.2065

Square

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



27.5120, -3.4471, 14.2451



27.5120, -18.2090, -0.4802



27.5120, 0.5657, -23.8625



27.5120, 20.5735, 3.3385

Rectangle

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



27.5114, -3.4461, 14.2449



27.5120, -15.7509, 9.9482



27.5120, 0.5657, -23.8625



27.5120, 16.4917, -10.9513

Sweetspot

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



27.5120, -3.4471, 14.2451



38.8026, -3.6164, 9.1483



17.6202, 17.4805, 4.5571



19.1086, -1.8301, 4.7593



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



27.5120, -3.4471, 14.2451



35.0663, -4.0733, 20.1153



28.5291, -12.2195, 14.8126



15.3991, -1.1081, 2.0741



32.3684, -2.8880, 19.8947



76.0165, -5.7003, 46.7412

Inverse Universe

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



15.5407, 7.0463, -24.7008



16.4956, 14.2123, -44.8947



15.0657, 14.5263, -25.9473



14.5121, -0.4460, -0.5412



12.0898, 21.0414, -60.5335



27.0189, 55.7797, -154.1837

Previews

White Background



This preview shows how the HunterLab color 27.5114, -3.4461, 14.2449 looks on a white background.

Color Contrast Check

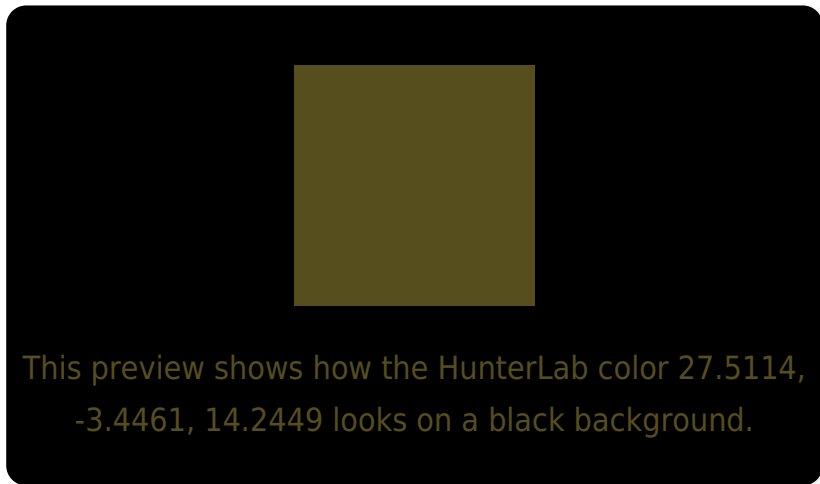
Large Text (above 18pt) WCAG AA ✓ Pass

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

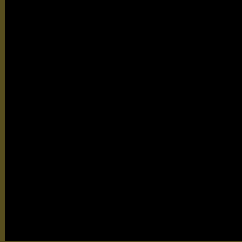
Any Text WCAG AA × Fail

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 27.5114, -3.4461, 14.2449 Background



This preview shows how black text looks on a background with the HunterLab color 27.5114, -3.4461, 14.2449.



This preview shows how white text looks on a background with the HunterLab color 27.5114, -3.4461, 14.2449.

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

27.5114, -3.4461, 14.2449

Protanopia

27.5114, -3.4461, 14.2449

Deuteranopia

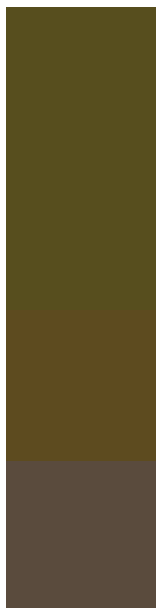
27.4552, 1.5330, 14.1452



Tritanopia

27.4841, 4.5630, 1.0580

Trichromacy



Original Color

27.5114, -3.4461, 14.2449

Protanomaly

27.5114, -3.4461, 14.2449

Deuteranomaly

27.3098, -0.2248, 14.0099

Tritanomaly

27.4640, 1.1698, 7.4128

Monochromacy



Original Color

27.5114, -3.4461, 14.2449

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.7337, -2.7273, 7.2489

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5114, -3.4461, 14.2449 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(87, 78, 30)` looks like.

```
.text, #text, p{  
    color:rgb(87, 78, 30)  
}
```

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(87, 78, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 78, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5114, -3.4461, 14.2449 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(87, 78, 30) }
```


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

```
.border{ border-color:rgb(87, 78, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 78, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 78, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 78, 30);  
box-shadow:4px 4px 4px 4px rgb(87, 78, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.5114, -3.4461, 14.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 78, 30) }
```

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

```
.background{ background-color: rgb(87, 78,  
30) }
```

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