

# Converting Colors

HunterLab(25.5572, -21.4576,  
14.3888)

Have a look what the booklet for  
HunterLab(25.5572, -21.4576,  
14.3888) contains.

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# Color

**HunterLab(25.5513,  
-21.4673, 14.4047)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00550E
RGB	0, 85, 14
RGB Percent	0%, 33%, 5%
CMY	1.0000, 0.6667, 0.9451
CMYK	1.00, 0.00, 0.84, 0.67
HSL	130°, 100%, 17%
HSV	130°, 100%, 33%
XYZ	3.3277, 6.5287, 1.5002
YIQ	51.4910, -27.8690, -40.1010

# Conversions

## Conversions Part 2

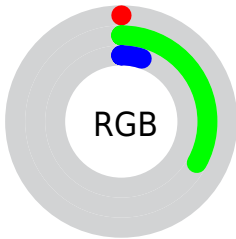
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 73, 85</a>
Decimal	<a href="#">21774</a>
CIELab	<a href="#">30.71, -37.76, 32.58</a>
CIELCh	<a href="#">31, 49.876, 139.208</a>
Yxy	<a href="#">6.5290, 0.2930, 0.5749</a>
Android (android.graphics.Color)	<a href="#">4278211854 (0xFF00550E)</a>
YUV	<a href="#">51.4910, -18.4831, -45.1576</a>
Hunter-Lab	<a href="#">25.5513, -21.4673, 14.4047</a>

# Details

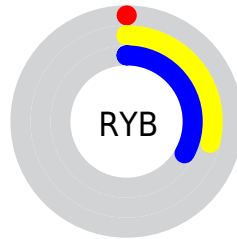
The HunterLab color **25.5513, -21.4673, 14.4047** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.4476, 29.3993, -12.8457**, and the grayscale version is **18.4271, -0.9832, 1.0012**.

A 20% lighter version of the original color is **43.6806, -28.0013, 20.2395**, and **12.3190, -10.5636, 7.4060** is the 20% darker color. If you saturate the color by 10%, you get **25.5518, -21.4676, 14.4048**, and if you desaturate by 10%, it is **25.7034, -20.7349, 13.8272**.

# Distribution



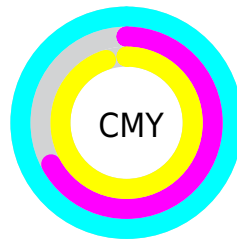
- Red (0%)
- Green (33%)
- Blue (5%)



- Red (0%)
- Yellow (29%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (67%)




- Cyan (100%)
- Magenta (67%)
- Yellow (95%)


# Brightness & Saturation Gradients


These gradients show how the HunterLab color 25.5513, -21.4673, 14.4047 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 25.5513, -21.4673, 14.4047 by changing the saturation by 10% instead.





 25.5513, -21.4673,  
14.4047


 25.5513, -21.4673,  
14.4047


 127.9415,  
-45.9453, 36.7016


 17.8026, -17.8245,  
11.7350

 43.6109, -27.8183,  
20.1634


 11.0488, -16.0218,  
7.7341

 53.7759, -30.6963,  
22.7839


 2.8028, -4.9049,  
1.9619

 64.6270, -33.4402,  
25.2843

0.0000, NaN, NaN

 76.1233, -36.0796,  
27.6909

0.0000, NaN, NaN

 88.2304, -38.6356,  
30.0228


0.0000, NaN, NaN


 100.9190,


0.0000, NaN, NaN


-41.1242, 32.2947


0.0000, NaN, NaN


 114.1635,  
-43.5576, 34.5180


 25.5513, -21.4673,  
14.4047


 25.5513, -21.4673,  
14.4047


 25.5518, -21.4676,  
14.4048

 25.7034, -20.7349,  
13.8272

 25.8867, -19.8451,  
13.0584

 26.1410, -18.6390,  
12.1215

 26.4715, -17.1040,  
11.0210

 26.8815, -15.2415,  
9.7652

■ 27.3725, -13.0624,  
8.3659

■ 27.9450, -10.5844,  
6.8372

■ 28.5983, -7.8312,  
5.1952

■ 29.3309, -4.8296,  
3.4565

# Harmonies

## Analogous

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



25.5518, -11.1238, 16.9376



25.5513, -21.4673, 14.4047



25.5518, -25.9359, 6.4898

# Triad

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



25.5518, -21.4676, 14.4048



25.5518, -7.1219, -50.7442



25.5518, 36.7318, 9.5589

# Complementary

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



25.5513, -21.4673, 14.4047



15.4476, 29.3993, -12.8457

# 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.



25.5518, 38.6092, -5.0391



25.5513, -21.4673, 14.4047



25.5518, 10.1220, -47.7769

# Square

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



25.5518, -21.4676, 14.4048



25.5518, -19.1903, -34.3918



25.5518, 27.8874, -27.8260



25.5518, 23.2740, 15.4148



# Rectangle

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



25.5513, -21.4673, 14.4047



25.5518, -26.0243, -4.0153



25.5518, 27.8874, -27.8260



25.5518, 38.8485, 5.8250

# Sweetspot

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



25.5518, -21.4676, 14.4048



36.4087, -14.1556, 9.1310



28.0796, -11.3799, 17.1033



18.3287, -7.5988, 4.8868



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.



25.5518, -21.4676, 14.4048



33.3472, -28.1255, 19.0337



26.0298, -18.5043, 7.4106



15.2850, -2.3141, 1.6844



32.5250, -27.4236, 18.5461



77.0273, -65.3828, 44.8652



# Inverse Universe

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



15.4476, 29.3993, -12.8457



20.1447, 38.2982, -16.4388



14.2262, 25.0127, 4.1542



14.6457, 0.7738, -0.0730



19.6493, 37.3598, -16.0604

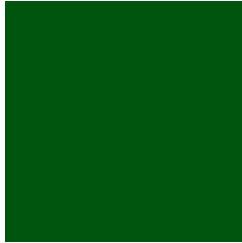


46.4516, 88.1248, -36.4561



# Previews

## White Background



This preview shows how the HunterLab color 25.5513, -21.4673, 14.4047 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

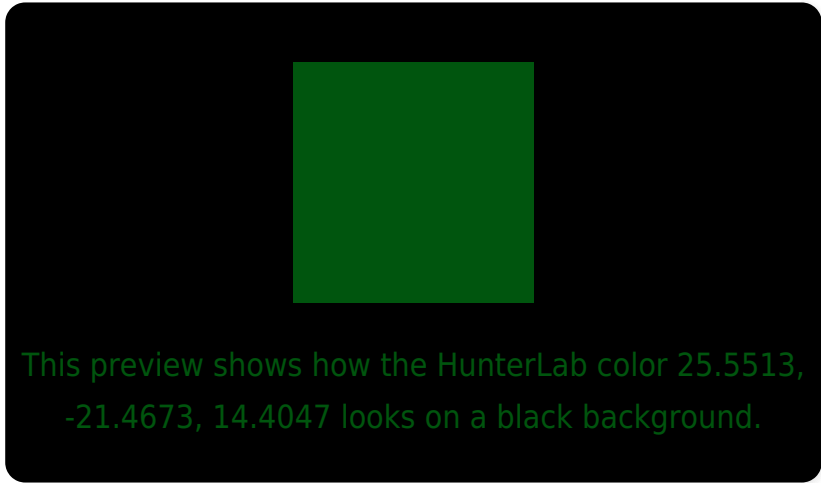
Any Text WCAG AA ✓ Pass

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 25.5513, -21.4673, 14.4047 Background



This preview shows how black text looks on a background with the HunterLab color 25.5513, -21.4673, 14.4047.



This preview shows how white text looks on a background with the HunterLab color 25.5513,

-21.4673, 14.4047.

# 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

25.5513, -21.4673, 14.4047

### Protanopia

25.6575, -3.6968, 15.0137

### Deuteranopia

25.5778, 1.2784, 13.9043



## Tritanopia

25.7316, -9.1743, -4.5910

# Trichromacy



## Original Color

25.5513, -21.4673, 14.4047

## Protanomaly

24.6259, -13.1128, 14.1074

## Deuteranomaly

24.4585, -10.7839, 13.2781

## Tritanomaly

25.2620, -15.3164, 5.2648

# Monochromacy



## Original Color

25.5513, -21.4673, 14.4047

## Achromatopsia

18.1947, -0.9708, 0.9886

## Achromatomaly

20.0051, -10.7121, 6.7048

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.5513, -21.4673, 14.4047 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(0, 85, 14)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 14)  
}
```

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(0, 85, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 14) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.5513, -21.4673, 14.4047 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(0, 85, 14) }
```



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

```
.border{ border-color:rgb(0, 85, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 85, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 85, 14); box-shadow:4px  
4px 4px 4px rgb(0, 85, 14) }
```

# Background

The CSS property to change the background color of an element to HunterLab 25.5513, -21.4673, 14.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 14) }
```

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

```
.background{ background-color: rgb(0, 85,  
14) }
```

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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