

Converting Colors

HunterLab(25.5331, -14.4927,
7.5879)

Have a look what the booklet for
HunterLab(25.5331, -14.4927,
7.5879) contains.

HunterLab(25.5284, -14.5200, 7.6537)	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(25.5284,
-14.5200, 7.6537)**

Conversions

Conversions Part 1

Format	Color
Hex	245135
RGB	36, 81, 53
RGB Percent	14%, 32%, 21%
CMY	0.8588, 0.6823, 0.7922
CMYK	0.56, 0.00, 0.35, 0.68
HSL	143°, 38%, 23%
HSV	143°, 56%, 32%
XYZ	4.3126, 6.5170, 4.3988
YIQ	64.3530, -17.8320, -18.2480

Conversions

Conversions Part 2

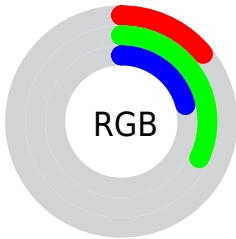
Format	Color
R_YB	36, 69, 81
Decimal	2380085
CIE _{Lab}	30.68, -22.88, 11.86
CIE _{LCh}	31, 25.768, 152.598
Yxy	6.5173, 0.2832, 0.4280
Android (android.graphics.Color)	4280570165 (0xFF245135)
YUV	64.3530, -5.5970, -24.8656
Hunter-Lab	25.5284, -14.5200, 7.6537

Details

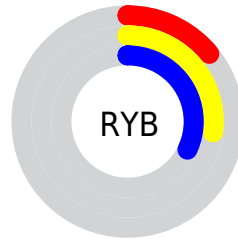
The HunterLab color **25.5284, -14.5200, 7.6537** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **18.3887, 15.8687, -4.0315**, and the grayscale version is **22.7896, -1.2160, 1.2382**.

A 20% lighter version of the original color is **43.6852, -18.5790, 10.2301**, and **11.3202, -9.0851, 5.4628** is the 20% darker color. If you saturate the color by 10%, you get **25.1867, -16.0725, 8.6660**, and if you desaturate by 10%, it is **25.9398, -12.7057, 6.5995**.

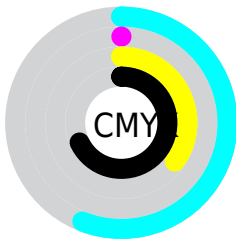
Distribution



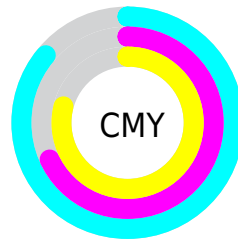
- Red (14%)
- Green (32%)
- Blue (21%)



- Red (14%)
- Yellow (27%)
- Blue (32%)



- Cyan (56%)
- Magenta (0%)
- Yellow (35%)
- Black (68%)



- Cyan (86%)
- Magenta (68%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.5284, -14.5200, 7.6537 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 25.5284, -14.5200, 7.6537 by changing the saturation by 10% instead.

■ 25.5284, -14.5200,
7.6537

■ 25.5284, -14.5200,
7.6537

127.9023,
-31.1405, 18.8109

■ 17.7822, -12.2416,
6.2905

■ 43.5836, -18.6158,
10.2120

■ 11.0314, -10.1546,
5.2580

■ 53.7465, -20.5240,
11.4500

■ 2.7471, -4.8074,
1.9230

■ 64.5957, -22.3731,
12.6763

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.0903, -24.1781,
13.8977

0.0000, NaN, NaN

■ 88.1958, -25.9502,
15.1188

0.0000, NaN, NaN

■ 100.8828,

0.0000, NaN, NaN

-27.6975, 16.3432

0.0000, NaN, NaN

114.1258,
-29.4260, 17.5733

25.5284, -14.5200,
7.6537

25.5284, -14.5200,
7.6537

25.1867, -16.0725,
8.6660

25.9398, -12.7057,
6.5995

24.9110, -17.3571,
9.6248

26.4203, -10.6400,
5.5139

24.6988, -18.3766,
10.5200

26.9704, -8.3391,
4.4079

24.5301, -19.2061,
11.3297

27.5894, -5.8225,
3.2921

24.4580, -19.5594,
11.6527

28.2758, -3.1119,
2.1758

■ 29.0278, -0.2296,
1.0672

■ 29.8430, 2.8020,
-0.0264

■ 30.7189, 5.9617,
-1.0995

■ 31.6526, 9.2296,
-2.1476

Harmonies

Analogous

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



25.5289, -9.7237, 11.4516



25.5284, -14.5200, 7.6537



25.5289, -15.9503, 0.6617

Triad

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



25.5289, -14.5203, 7.6539



25.5289, -0.6050, -20.0194



25.5289, 14.2218, 8.5310

Complementary

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



25.5284, -14.5200, 7.6537



18.3887, 15.8687, -4.0315

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.



25.5289, 17.4763, 2.0967



25.5284, -14.5200, 7.6537



25.5289, 8.2336, -15.8660

Square

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



25.5289, -14.5203, 7.6539



25.5289, -8.5792, -17.0359



25.5289, 15.1524, -7.0215



25.5289, 6.7549, 11.8267

Rectangle

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



25.5284, -14.5200, 7.6537



25.5289, -14.9811, -5.4717



25.5289, 15.1524, -7.0215



25.5289, 15.8865, 6.7544

Sweetspot

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



25.5289, -14.5203, 7.6539



35.8138, -8.2819, 4.5897



26.6822, -10.5141, 12.5483



18.1964, -4.3898, 2.4123



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



25.5289, -14.5203, 7.6539



32.7061, -21.6324, 11.7807



26.0158, -11.6318, 0.6561



14.4978, -2.0634, 1.3075



31.8771, -25.6571, 15.5427



76.4463, -62.2886, 38.9120

Inverse Universe

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



18.3887, 15.8687, -4.0315



21.6803, 25.7668, -5.9463



17.8281, 13.2788, 3.9329



13.8611, 0.5959, 0.2447



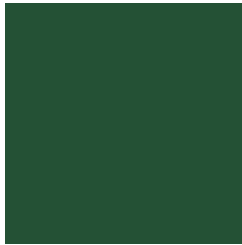
18.3259, 33.4696, -4.3286



43.8061, 79.6431, -7.5364

Previews

White Background



This preview shows how the HunterLab color 25.5284, -14.5200, 7.6537 looks on a white background.

Color Contrast Check

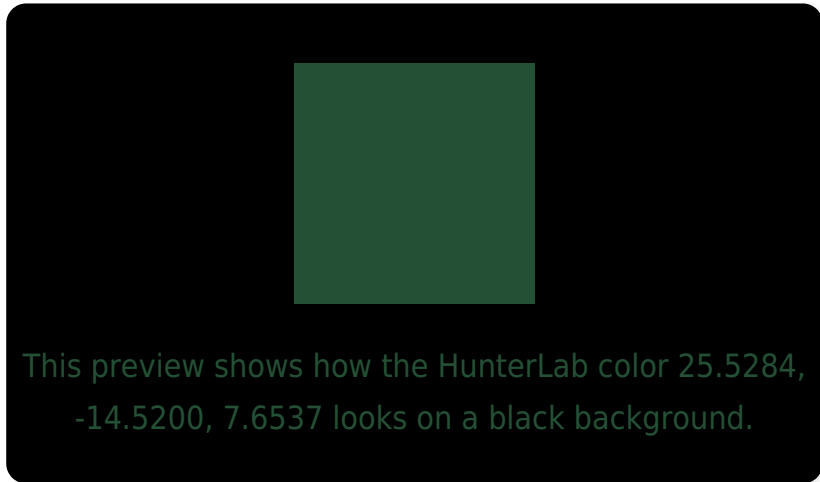
Large Text (above 18pt) WCAG AA ✓ Pass

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

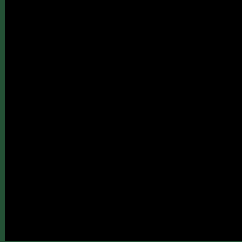
Any Text WCAG AA × Fail

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 25.5284, -14.5200, 7.6537 Background



This preview shows how black text looks on a background with the HunterLab color 25.5284, -14.5200, 7.6537.



This preview shows how white text looks on a background with the HunterLab color 25.5284,

-14.5200, 7.6537.

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

25.5284, -14.5200, 7.6537

Protanopia

25.4483, -2.3538, 8.8701

Deuteranopia

25.3507, 1.3907, 6.8950



Tritanopia

25.4318, -7.6296, -3.5414

Trichromacy



Original Color

25.5284, -14.5200, 7.6537

Protanomaly

25.1380, -7.4814, 8.2417

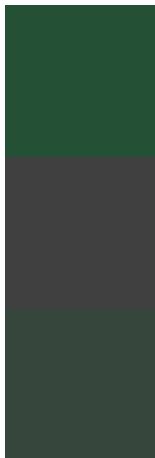
Deuteranomaly

24.9684, -5.1838, 6.7118

Tritanomaly

25.2746, -10.2707, 1.0123

Monochromacy



Original Color

25.5284, -14.5200, 7.6537

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.4325, -6.5213, 3.5081

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.5284, -14.5200, 7.6537 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(36, 81, 53)` looks like.

```
.text, #text, p{  
    color:rgb(36, 81, 53)  
}
```

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(36, 81, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 81, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 25.5284, -14.5200, 7.6537 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(36, 81, 53) }
```


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

```
.border{ border-color:rgb(36, 81, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 81, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 81, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 81, 53);  
box-shadow:4px 4px 4px 4px rgb(36, 81, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.5284, -14.5200, 7.6537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 81, 53) }
```

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

```
.background{ background-color: rgb(36, 81,  
53) }
```

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