

Converting Colors

HunterLab(25.6670, -13.1270,
12.7487)

Have a look what the booklet for
HunterLab(25.6670, -13.1270,
12.7487) contains.

HunterLab(25.6670, -13.1270, 12.7487)	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(25.6670,
-13.1270, 12.7487)**

Conversions

Conversions Part 1	
Format	Color
Hex	35501E
RGB	53, 80, 30
RGB Percent	21%, 31%, 12%
CMY	0.7922, 0.6863, 0.8823
CMYK	0.34, 0.00, 0.62, 0.69
HSL	92°, 45%, 22%
HSV	92°, 62%, 31%
XYZ	4.5712, 6.5879, 2.2590
YIQ	66.2270, -0.0420, -21.2740

Conversions

Conversions Part 2

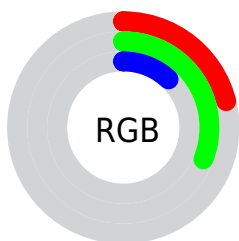
Format	Color
RYB	30, 80, 57
Decimal	3493918
CIELab	30.85, -20.11, 25.82
CIELCh	31, 32.726, 127.912
Yxy	6.5882, 0.3407, 0.4910
Android (android.graphics.Color)	4281683998 (0xFF35501E)
YUV	66.2270, -17.8599, -11.6001
Hunter-Lab	25.6670, -13.1270, 12.7487

Details

The HunterLab color **25.6670, -13.1270, 12.7487** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15.4202, 14.6864, -19.4235**, and the grayscale version is **23.4815, -1.2529, 1.2758**.

A 20% lighter version of the original color is **43.6430, -16.5210, 17.3145**, and **11.1680, -8.5370, 6.7322** is the 20% darker color. If you saturate the color by 10%, you get **25.3783, -14.4148, 13.6121**, and if you desaturate by 10%, it is **25.9940, -11.6740, 11.6301**.

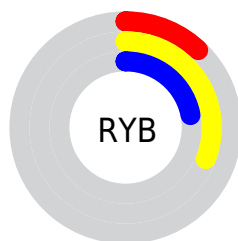
Distribution



Red (21%)

Green (31%)

Blue (12%)



Red (12%)

Yellow (31%)

Blue (22%)

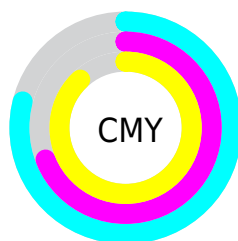


Cyan (34%)

Magenta (0%)

Yellow (62%)

Black (69%)



Cyan (79%)


Magenta (69%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 25.6670, -13.1270, 12.7487 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 25.6670, -13.1270, 12.7487 by changing the saturation by 10% instead.


 25.6670, -13.1270,
12.7487


 25.6670, -13.1270,
12.7487


128.1394,
-28.3284, 31.2683


 17.9052, -11.0948,
10.1886

 43.7492, -16.8171,
17.4275

 11.1363, -9.0567,
7.7954


 53.9241, -18.5506,
19.5778

 3.0685, -5.3699,
2.1480


 64.7846, -20.2381,
21.6446

0.0000, NaN, NaN

0.0000, NaN, NaN

 76.2897, -21.8924,
23.6480

0.0000, NaN, NaN

 88.4052, -23.5226,
25.6023


0.0000, NaN, NaN


0.0000, NaN, NaN


 101.1018,


-25.1355, 27.5186


0.0000, NaN, NaN


 114.3540,
-26.7361, 29.4051


 25.6670, -13.1270,
12.7487


 25.6670, -13.1270,
12.7487


 25.3783, -14.4148,
13.6121


 25.9940, -11.6740,
11.6301


 25.1252, -15.5353,
14.2296


 26.3580, -10.0571,
10.2509

 24.9051, -16.5044,
14.6472

 26.7598, -8.2820,
8.6110

 24.7532, -17.1809,
14.9520

 27.1993, -6.3556,
6.7136

 27.6762, -4.2858,
4.5648

■ 28.1898, -2.0818,
2.1732

■ 28.7395, 0.2468,
-0.4508

■ 29.3245, 2.6902,
-3.2957

■ 29.9438, 5.2385,
-6.3487

Harmonies

Analogous

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



25.6676, -4.2208, 14.4112



25.6670, -13.1270, 12.7487



25.6676, -18.1904, 7.8752

Triad

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



25.6676, -13.1276, 12.7489



25.6676, -8.8567, -25.1475



25.6676, 23.1454, 4.0178

Complementary

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



25.6670, -13.1270, 12.7487



15.4202, 14.6864, -19.4235

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.



25.6676, 21.3404, -7.3883



25.6670, -13.1270, 12.7487



25.6676, 1.6090, -27.6270

Square

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



25.6676, -13.1276, 12.7489



25.6676, -16.0297, -14.3144



25.6676, 12.9765, -20.1125



25.6676, 17.5592, 10.9472

Rectangle

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



25.6670, -13.1270, 12.7487



25.6676, -19.2870, 2.1201



25.6676, 12.9765, -20.1125



25.6676, 23.3982, 0.6526

Sweetspot

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



25.6676, -13.1276, 12.7489



36.1011, -7.6460, 8.1041



21.6631, 3.2030, 10.0427



18.3311, -4.1301, 4.3688



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.



25.6676, -13.1276, 12.7489



33.3432, -19.8418, 18.4464



24.7308, -16.8585, 11.7242



14.5856, -1.8185, 1.9343



32.6225, -23.0063, 19.6991



78.0069, -56.6468, 47.0758

Inverse Universe

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



15.4202, 14.6864, -19.4235



17.3262, 24.4556, -34.2151



17.8580, 20.3250, -12.7802



13.7634, 0.3407, -0.4714



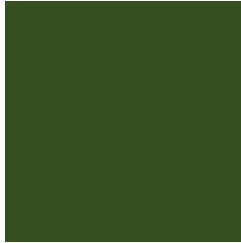
13.6557, 30.7868, -48.5473



31.9575, 72.9676, -120.7387

Previews

White Background



This preview shows how the HunterLab color 25.6670, -13.1270, 12.7487 looks on a white background.

Color Contrast Check

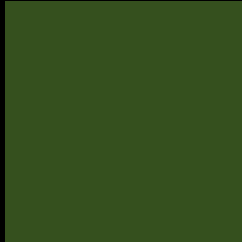
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 25.6670, -13.1270, 12.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

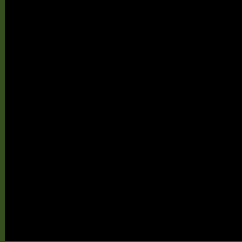
Any Text WCAG AA × Fail

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 25.6670, -13.1270, 12.7487 Background



This preview shows how black text looks on a background with the HunterLab color 25.6670, -13.1270, 12.7487.



This preview shows how white text looks on a background with the HunterLab color 25.6670, -13.1270, 12.7487.

-13.1270, 12.7487.

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

25.6670, -13.1270, 12.7487

Protanopia

25.6871, -3.3591, 13.2337

Deuteranopia

25.5729, 1.4491, 12.4473



Tritanopia

25.6649, -4.1242, -2.2412

Trichromacy



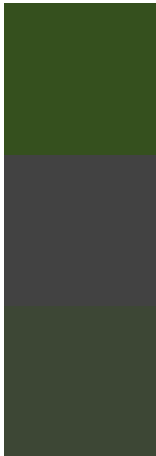
Original Color
25.6670, -13.1270, 12.7487

Protanomaly
25.6850, -7.3880, 13.0144

Deuteranomaly
25.3912, -4.3369, 12.3792

Tritanomaly
25.5449, -8.2926, 5.0176

Monochromacy



Original Color
25.6670, -13.1270, 12.7487

Achromatopsia
23.3410, -1.2454, 1.2682

Achromatomaly
23.9909, -6.1193, 6.3520

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.6670, -13.1270, 12.7487 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(53, 80, 30)` looks like.

```
.text, #text, p{  
    color:rgb(53, 80, 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(53, 80, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 80, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 25.6670, -13.1270, 12.7487 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(53, 80, 30) }
```


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

```
.border{ border-color:rgb(53, 80, 30) }
```

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

Here you see how a box with a 4 pixel rgb(53, 80, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 80, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 80, 30);  
box-shadow:4px 4px 4px 4px rgb(53, 80, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.6670, -13.1270, 12.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 80, 30) }
```

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

```
.background{ background-color: rgb(53, 80,  
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