

Converting Colors

HunterLab(25.8432, -8.1069,
11.7402)

Have a look what the booklet for
HunterLab(25.8432, -8.1069,
11.7402) contains.

HunterLab(25.8269, -8.0710, 11.7551)	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(25.8269, -8.0710,
11.7551)**

Conversions

Conversions Part 1

Format	Color
Hex	444D25
RGB	68, 77, 37
RGB Percent	27%, 30%, 15%
CMY	0.7333, 0.6980, 0.8549
CMYK	0.12, 0.00, 0.52, 0.70
HSL	74°, 35%, 22%
HSV	74°, 52%, 30%
XYZ	5.3717, 6.6703, 2.7546
YIQ	69.7490, 7.4760, -14.3480

Conversions

Conversions Part 2

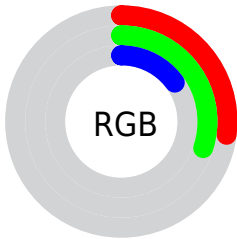
Format	Color
RYB	37, 77, 46
Decimal	4476197
CIELab	31.04, -10.90, 22.40
CIELCh	31, 24.909, 115.947
Yxy	6.6706, 0.3630, 0.4508
Android (android.graphics.Color)	4282666277 (0xFF444D25)
YUV	69.7490, -16.1453, -1.5339
Hunter-Lab	25.8269, -8.0710, 11.7551

Details

The HunterLab color **25.8269, -8.0710, 11.7551** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.6204, 8.4101, -16.8792**, and the grayscale version is **24.7131, -1.3186, 1.3427**.

A 20% lighter version of the original color is **43.9638, -10.5193, 15.8696**, and **11.3771, -5.0872, 6.9215** is the 20% darker color. If you saturate the color by 10%, you get **25.6239, -9.0053, 12.8967**, and if you desaturate by 10%, it is **26.0527, -7.0283, 10.3490**.

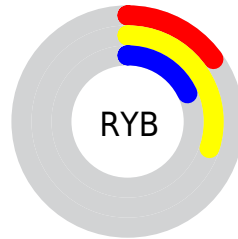
Distribution



Red (27%)

Green (30%)

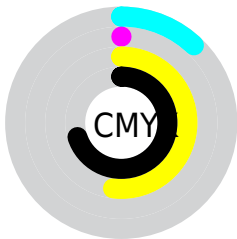
Blue (15%)



Red (15%)

Yellow (30%)

Blue (18%)

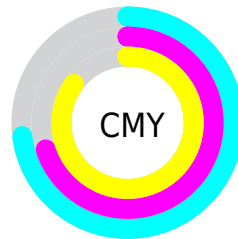


Cyan (12%)

Magenta (0%)

Yellow (52%)

Black (70%)



Cyan (73%)

Magenta (70%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.8269, -8.0710, 11.7551 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 25.8269, -8.0710, 11.7551 by changing the saturation by 10% instead.

■ 25.8269, -8.0710,
11.7551

■ 25.8269, -8.0710,
11.7551

128.4125,
-18.6962, 28.4006

■ 18.0470, -6.8152,
9.4435

■ 43.9402, -10.4671,
15.8924

■ 11.2575, -5.4729,
7.8802

■ 54.1289, -11.6391,
17.8097

■ 3.4012, -5.9520,
2.3808

■ 65.0022, -12.8057,
19.6621

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.5195, -13.9723,
21.4663

0.0000, NaN, NaN

■ 88.6466, -15.1423,
23.2344

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.3542,

-16.3185, 24.9752

0.0000, NaN, NaN

114.6170,
-17.5026, 26.6955

25.8269, -8.0710,
11.7551

25.8269, -8.0710,
11.7551

25.6239, -9.0053,
12.8967

26.0527, -7.0283,
10.3490

25.4410, -9.8315,
13.7822

26.3000, -5.8742,
8.6717

25.2779, -10.5540,
14.4252

26.5700, -4.6095,
6.7207

25.1315, -11.1895,
14.8700

26.8628, -3.2355,
4.4954

25.0171, -11.6875,
15.2108

27.1787, -1.7544,
1.9980

■ 27.5178, -0.1689,
-0.7675

■ 27.8799, 1.5173,
-3.7955

■ 28.2649, 3.3004,
-7.0787

■ 28.6727, 5.1761,
-10.6087

Harmonies

Analogous

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



25.8275, -0.2281, 12.5139



25.8269, -8.0710, 11.7551



25.8275, -13.4428, 8.6131

Triad

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



25.8275, -8.0717, 11.7553



25.8275, -9.8140, -14.8337



25.8275, 16.7822, 0.2963

Complementary

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



25.8269, -8.0710, 11.7551



15.6204, 8.4101, -16.8792

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.



25.8275, 13.4070, -8.7597



25.8269, -8.0710, 11.7551



25.8275, -2.5110, -19.0896

Square

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



25.8275, -8.0717, 11.7553



25.8275, -14.3548, -6.2585



25.8275, 6.0722, -16.5720



25.8275, 14.8035, 7.2642

Rectangle

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



25.8269, -8.0710, 11.7551



25.8275, -15.2515, 4.8647



25.8275, 6.0722, -16.5720



25.8275, 16.2257, -2.6093

Sweetspot

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



25.8275, -8.0717, 11.7553



34.8163, -5.0612, 7.2427



19.0777, 7.3966, 6.4453



17.8281, -2.6899, 3.8672



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



25.8275, -8.0717, 11.7553



33.3257, -11.9903, 17.0942



24.6540, -12.5709, 10.7622



13.8592, -1.4179, 1.9026



33.4170, -15.8560, 20.3138



81.0945, -39.5978, 49.2768

Inverse Universe

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



15.6204, 8.4101, -16.8792



17.3310, 14.5687, -29.8358



17.3373, 13.1666, -13.0987



12.9322, 0.0195, -0.5353



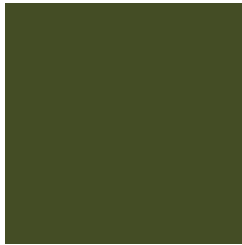
10.6814, 27.2731, -62.7156



25.3098, 65.8053, -157.7624

Previews

White Background



This preview shows how the HunterLab color 25.8269, -8.0710, 11.7551 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

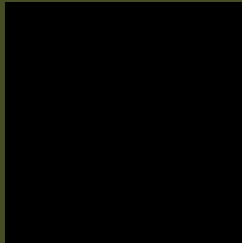
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

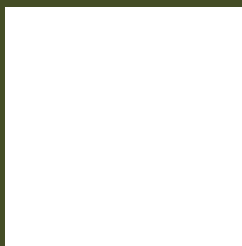
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 25.8269, -8.0710, 11.7551 Background



This preview shows how black text looks on a background with the HunterLab color 25.8269, -8.0710, 11.7551.



This preview shows how white text looks on a background with the HunterLab color 25.8269, -8.0710, 11.7551.

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

25.8269, -8.0710, 11.7551

Protanopia

25.7717, -2.8899, 11.9900

Deuteranopia

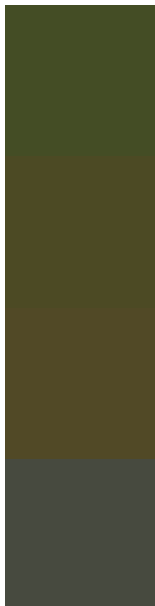
25.7889, 1.0794, 11.4969



Tritanopia

25.9454, -0.6486, -0.4950

Trichromacy



Original Color

25.8269, -8.0710, 11.7551

Protanomaly

25.6153, -4.7739, 11.8372

Deuteranomaly

25.7960, -2.7550, 11.6325

Tritanomaly

25.6827, -3.6293, 4.9058

Monochromacy



Original Color

25.8269, -8.0710, 11.7551

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.1710, -4.3332, 6.0054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.8269, -8.0710, 11.7551 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(68, 77, 37)` looks like.

```
.text, #text, p{  
    color:rgb(68, 77, 37)  
}
```

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(68, 77, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 77, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 25.8269, -8.0710, 11.7551 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(68, 77, 37) }
```


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

```
.border{ border-color:rgb(68, 77, 37) }
```

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

Here you see how a box with a 4 pixel rgb(68, 77, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 77, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 77, 37);  
box-shadow:4px 4px 4px 4px rgb(68, 77, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.8269, -8.0710, 11.7551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 77, 37) }
```

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

```
.background{ background-color: rgb(68, 77,  
37) }
```

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