

Converting Colors

HunterLab(25.3078, -21.1246,
13.9693)

Have a look what the booklet for
HunterLab(25.3078, -21.1246,
13.9693) contains.

HunterLab(25.2609, -21.0892, 13.9517)	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(25.2609,
-21.0892, 13.9517)**

Conversions

Conversions Part 1	
Format	Color
Hex	005411
RGB	0, 84, 17
RGB Percent	0%, 33%, 7%
CMY	1.0000, 0.6706, 0.9333
CMYK	1.00, 0.00, 0.80, 0.67
HSL	132°, 100%, 16%
HSV	132°, 100%, 33%
XYZ	3.2715, 6.3811, 1.5896
YIQ	51.2460, -28.5570, -38.6450

Conversions

Conversions Part 2

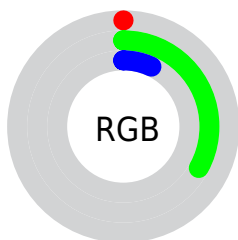
Format	Color
RYB	0, 70, 84
Decimal	21521
CIELab	30.35, -37.16, 31.04
CIELCh	30, 48.418, 140.127
Yxy	6.3814, 0.2910, 0.5676
Android (android.graphics.Color)	4278211601 (0xFF005411)
YUV	51.2460, -16.8833, -44.9427
Hunter-Lab	25.2609, -21.0892, 13.9517

Details

The HunterLab color **25.2609, -21.0892, 13.9517** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.1333, 28.5936, -10.9788**, and the grayscale version is **18.3397, -0.9786, 0.9964**.

A 20% lighter version of the original color is **43.3842, -27.4986, 19.6230**, and **12.0459, -10.3294, 7.2418** is the 20% darker color. If you saturate the color by 10%, you get **25.2614, -21.0896, 13.9519**, and if you desaturate by 10%, it is **25.4162, -20.3372, 13.3270**.

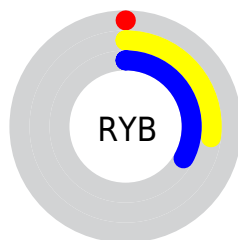
Distribution



Red (0%)

Green (33%)

Blue (7%)



Red (0%)

Yellow (27%)

Blue (33%)

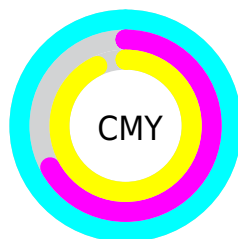


Cyan (100%)

Magenta (0%)

Yellow (80%)

Black (67%)



Cyan (100%)


Magenta (67%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 25.2609, -21.0892, 13.9517 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 25.2609, -21.0892, 13.9517 by changing the saturation by 10% instead.


 25.2609, -21.0892,
13.9517


 25.2609, -21.0892,
13.9517


127.4441,
-45.2792, 35.4122


 17.5452, -17.4885,
11.3237

 43.2637, -27.3635,
19.4782

 10.8295, -15.9439,
7.5806


 53.4034, -30.2065,
21.9952

 1.9824, -3.4692,
1.3877


 64.2309, -32.9174,
24.3994

0.0000, NaN, NaN

0.0000, NaN, NaN

 75.7050, -35.5254,
26.7157

0.0000, NaN, NaN

 87.7910, -38.0516,
28.9627

0.0000, NaN, NaN


0.0000, NaN, NaN


 100.4594,


-40.5118, 31.1543


0.0000, NaN, NaN


 113.6846,
-42.9178, 33.3014


 25.2609, -21.0892,
13.9517


 25.2609, -21.0892,
13.9517


 25.2614, -21.0896,
13.9519

 25.4162, -20.3372,
13.3270

 25.6009, -19.4387,
12.5273

 25.8541, -18.2366,
11.5787

 26.1813, -16.7188,
10.4878

 26.5854, -14.8870,
9.2639

■ 27.0679, -12.7519,
7.9188

■ 27.6292, -10.3306,
6.4665

■ 28.2687, -7.6455,
4.9221

■ 28.9850, -4.7224,
3.3008

Harmonies

Analogous

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



25.2614, -11.2010, 16.5548



25.2609, -21.0892, 13.9517



25.2614, -25.2995, 5.9475

Triad

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



25.2614, -21.0895, 13.9518



25.2614, -6.4728, -48.7186



25.2614, 35.0656, 9.5953

Complementary

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



25.2609, -21.0892, 13.9517



15.1333, 28.5936, -10.9788

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.



25.2614, 37.2570, -4.2533



25.2609, -21.0892, 13.9517



25.2614, 10.2904, -45.2840

Square

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



25.2614, -21.0895, 13.9518



25.2614, -18.3812, -33.5859



25.2614, 27.2849, -25.9608



25.2614, 21.8887, 15.1848

Rectangle

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



25.2609, -21.0892, 13.9517



25.2614, -25.2857, -4.4109



25.2614, 27.2849, -25.9608



25.2614, 37.2203, 6.0508

Sweetspot

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



25.2614, -21.0895, 13.9518



36.4349, -14.0033, 8.7523



27.4615, -12.3138, 16.7060



18.3427, -7.5172, 4.6846



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.



25.2614, -21.0895, 13.9518



33.3694, -27.9865, 18.7060



25.7966, -17.7790, 6.1365



14.4819, -2.1520, 1.5350



31.7277, -26.5905, 17.7445



76.1225, -64.3138, 43.6885

Inverse Universe

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



15.1333, 28.5936, -10.9788



19.9705, 37.6831, -14.0958



13.9856, 24.4584, 5.0987



13.8785, 0.6893, -0.0024



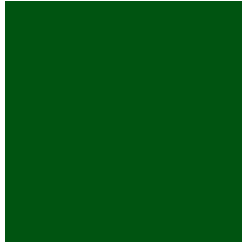
18.9911, 35.8431, -13.4658



45.4648, 85.5717, -30.4027

Previews

White Background



This preview shows how the HunterLab color 25.2609, -21.0892, 13.9517 looks on a white background.

Color Contrast Check

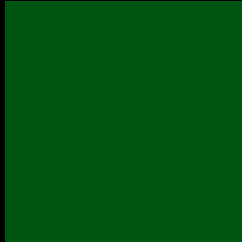
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2609, -21.0892, 13.9517 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 25.2609, -21.0892, 13.9517 Background



This preview shows how black text looks on a background with the HunterLab color 25.2609, -21.0892, 13.9517.



This preview shows how white text looks on a background with the HunterLab color 25.2609,

-21.0892, 13.9517.

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

25.2609, -21.0892, 13.9517

Protanopia

25.3294, -3.5236, 14.5736

Deuteranopia

25.2465, 1.4110, 13.5521



Tritanopia

25.4204, -8.9744, -4.5384

Trichromacy



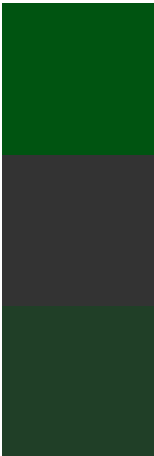
Original Color
25.2609, -21.0892, 13.9517

Protanomaly
24.3586, -12.6793, 13.6877

Deuteranomaly
24.1279, -10.6231, 12.9381

Tritanomaly
24.9683, -14.9898, 4.9715

Monochromacy



Original Color
25.2609, -21.0892, 13.9517

Achromatopsia
18.1947, -0.9708, 0.9886

Achromatomaly
20.0214, -10.6147, 6.4671

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.2609, -21.0892, 13.9517 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, 84, 17)` looks like.

```
.text, #text, p{  
    color:rgb(0, 84, 17)  
}
```

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, 84, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 84, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 25.2609, -21.0892, 13.9517 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, 84, 17) }
```


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

```
.border{ border-color:rgb(0, 84, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 84, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 84, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 84, 17); box-shadow:4px  
4px 4px 4px rgb(0, 84, 17) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.2609, -21.0892, 13.9517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 84, 17) }
```

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

```
.background{ background-color: rgb(0, 84,  
17) }
```

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