

Converting Colors

HunterLab(25.2678, -11.7666,
13.8692)

Have a look what the booklet for
HunterLab(25.2678, -11.7666,
13.8692) contains.

HunterLab(25.2890, -11.8799, 13.9306)	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(25.2890,
-11.8799, 13.9306)**

Conversions

Conversions Part 1

Format	Color
Hex	3A4E13
RGB	58, 78, 19
RGB Percent	23%, 31%, 7%
CMY	0.7725, 0.6941, 0.9255
CMYK	0.26, 0.00, 0.76, 0.69
HSL	80°, 61%, 19%
HSV	80°, 76%, 31%
XYZ	4.5869, 6.3953, 1.6087
YIQ	65.2940, 7.0190, -22.5890

Conversions

Conversions Part 2

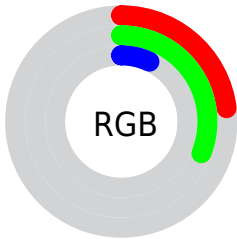
Format	Color
R_{YB}	19, 78, 39
Decimal	3821075
CIE _{Lab}	30.39, -17.91, 30.90
CIE _{LCh}	30, 35.721, 120.100
Yxy	6.3956, 0.3643, 0.5079
Android (android.graphics.Color)	4282011155 (0xFF3A4E13)
YUV	65.2940, -22.8229, -6.3968
Hunter-Lab	25.2890, -11.8799, 13.9306

Details

The HunterLab color $25.2890, -11.8799, 13.9306$ is a dark color, and the websafe version is hex 333300 . A complement of this color would be $12.0303, 15.2239, -27.8446$, and the grayscale version is $23.1701, -1.2363, 1.2589$.

A 20% lighter version of the original color is $43.2411, -15.2535, 19.3106$, and $10.9936, -7.9184, 6.6356$ is the 20% darker color. If you saturate the color by 10%, you get $25.0918, -12.7434, 14.4757$, and if you desaturate by 10%, it is $25.5110, -10.8999, 13.1469$.

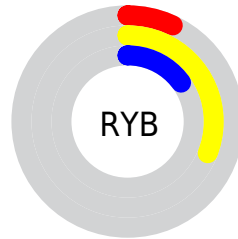
Distribution



Red (23%)

Green (31%)

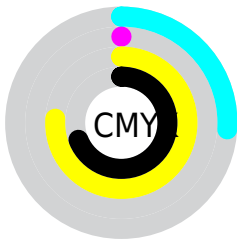
Blue (7%)



Red (7%)

Yellow (31%)

Blue (15%)

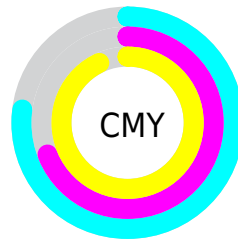


Cyan (26%)

Magenta (0%)

Yellow (76%)

Black (69%)



Cyan (77%)

Magenta (69%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.2890, -11.8799, 13.9306 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 25.2890, -11.8799, 13.9306 by changing the saturation by 10% instead.

■ 25.2890, -11.8799,
13.9306

■ 25.2890, -11.8799,
13.9306

127.4923,
-25.9869, 35.3116

■ 17.5702, -10.0301,
11.2964

■ 43.2973, -15.2628,
19.4340

■ 10.8507, -8.1991,
7.5955

■ 53.4395, -16.8622,
21.9411

■ 2.0763, -3.6335,
1.4534

■ 64.2693, -18.4250,
24.3361

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.7455, -19.9624,
26.6440

0.0000, NaN, NaN

■ 87.8336, -21.4822,
28.8831


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 100.5040,


-22.9901, 31.0674


0.0000, NaN, NaN


 113.7311,
-24.4905, 33.2074


 25.2890, -11.8799,
13.9306


 25.2890, -11.8799,
13.9306


 25.0918, -12.7434,
14.4757


 25.5110, -10.8999,
13.1469


 24.9110, -13.5263,
14.8808

 25.7572, -9.7981,
12.1106

 24.8344, -13.8611,
15.0601

 26.0289, -8.5740,
10.8128

 26.3266, -7.2278,
9.2482

 26.6507, -5.7611,
7.4149

■ 27.0012, -4.1769,
5.3138

■ 27.3782, -2.4789,
2.9484

■ 27.7815, -0.6716,
0.3239

■ 28.2110, 1.2399,
-2.5522

Harmonies

Analogous

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



25.2896, -1.3908, 14.9359



25.2890, -11.8799, 13.9306



25.2896, -18.3571, 10.0333

Triad

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



25.2896, -11.8805, 13.9308



25.2896, -11.8229, -25.8755



25.2896, 25.9966, 1.4147

Complementary

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



25.2890, -11.8799, 13.9306



12.0303, 15.2239, -27.8446

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.



25.2896, 21.8299, -12.1353



25.2890, -11.8799, 13.9306



25.2896, -1.3106, -31.7215

Square

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



25.2896, -11.8805, 13.9308



25.2896, -18.3285, -12.2342



25.2896, 11.2454, -25.8021



25.2896, 21.7764, 10.0731

Rectangle

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



25.2890, -11.8799, 13.9306



25.2896, -20.2505, 4.8560



25.2896, 11.2454, -25.8021



25.2896, 25.5220, -2.6805

Sweetspot

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



25.2896, -11.8805, 13.9308



35.2743, -7.2460, 9.3227



17.5959, 9.5239, 8.9331



17.5613, -3.8247, 4.9226



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.



25.2896, -11.8805, 13.9308



32.9315, -17.7037, 19.5077



23.9894, -17.0984, 12.9599



13.8300, -1.5213, 1.8687



32.7276, -18.5761, 19.8414



79.3485, -46.5153, 48.0798

Inverse Universe

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



12.0303, 15.2239, -27.8446



12.7389, 25.3256, -50.2127



15.0030, 21.3803, -18.8665



12.9620, 0.1216, -0.4955



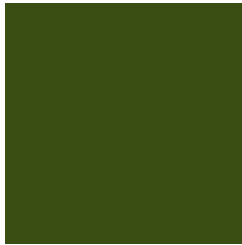
11.4426, 27.9792, -57.5930



27.0122, 67.3050, -145.6895

Previews

White Background



This preview shows how the HunterLab color 25.2890, -11.8799, 13.9306 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 25.2890, -11.8799, 13.9306 Background



This preview shows how black text looks on a background with the HunterLab color 25.2890, -11.8799, 13.9306.



This preview shows how white text looks on a background with the HunterLab color 25.2890, -11.8799, 13.9306.

-11.8799, 13.9306.

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

25.2890, -11.8799, 13.9306

Protanopia

25.2600, -3.7365, 14.2549

Deuteranopia

25.1395, 1.0336, 13.5972



Tritanopia

25.4036, -2.4809, -1.6542

Trichromacy



Original Color

25.2890, -11.8799, 13.9306

Protanomaly

25.1375, -6.8496, 14.0199

Deuteranomaly

25.1244, -4.1528, 13.6176

Tritanomaly

25.2026, -6.9831, 6.3010

Monochromacy



Original Color

25.2890, -11.8799, 13.9306

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.7020, -6.0055, 7.5050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.2890, -11.8799, 13.9306 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(58, 78, 19)` looks like.

```
.text, #text, p{  
    color:rgb(58, 78, 19)  
}
```

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(58, 78, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 78, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 25.2890, -11.8799, 13.9306 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(58, 78, 19) }
```


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

```
.border{ border-color:rgb(58, 78, 19) }
```

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

Here you see how a box with a 4 pixel rgb(58, 78, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 78, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 78, 19);  
box-shadow:4px 4px 4px 4px rgb(58, 78, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.2890, -11.8799, 13.9306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 78, 19) }
```

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

```
.background{ background-color: rgb(58, 78,  
19) }
```

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