

Converting Colors

HunterLab(25.7067, -15.6675,
15.2418)

Have a look what the booklet for
HunterLab(25.7067, -15.6675,
15.2418) contains.

HunterLab(25.8339, -15.7499, 15.3135)	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(25.8339,
-15.7499, 15.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	305205
RGB	48, 82, 5
RGB Percent	19%, 32%, 2%
CMY	0.8118, 0.6784, 0.9804
CMYK	0.41, 0.00, 0.94, 0.68
HSL	86°, 88%, 17%
HSV	86°, 94%, 32%
XYZ	4.2636, 6.6739, 1.2070
YIQ	63.0560, 4.4530, -31.1550

Conversions

Conversions Part 2

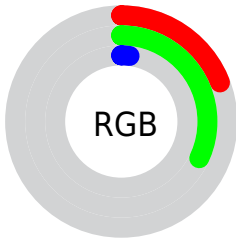
Format	Color
R_{YB}	5, 82, 39
Decimal	3166725
CIE _{Lab}	31.05, -25.16, 36.53
CIE _{LCh}	31, 44.354, 124.554
Yxy	6.6742, 0.3511, 0.5495
Android (android.graphics.Color)	4281356805 (0xFF305205)
YUV	63.0560, -28.6216, -13.2041
Hunter-Lab	25.8339, -15.7499, 15.3135

Details

The HunterLab color $[25.8339, -15.7499, 15.3135]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[10.7204, 21.4380, -37.1695]$, and the grayscale version is $[22.4101, -1.1957, 1.2176]$.

A 20% lighter version of the original color is $[44.0281, -20.2815, 21.7365]$, and $[11.5028, -9.8636, 6.9153]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.7116, -16.2903, 15.5582]$, and if you desaturate by 10%, it is $[26.0471, -14.8253, 14.9081]$.

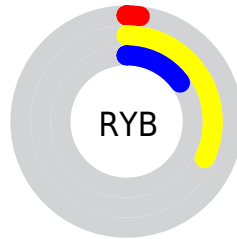
Distribution



Red (19%)

Green (32%)

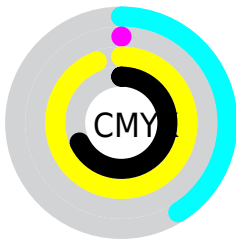
Blue (2%)



Red (2%)

Yellow (32%)

Blue (15%)

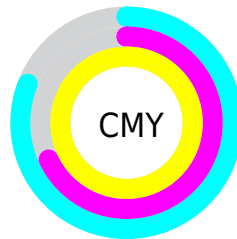


Cyan (41%)

Magenta (0%)

Yellow (94%)

Black (68%)



Cyan (81%)

Magenta (68%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.8339, -15.7499, 15.3135 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 25.8339, -15.7499, 15.3135 by changing the saturation by 10% instead.

■ 25.8339, -15.7499,
15.3135

■ 25.8339, -15.7499,
15.3135

■ 128.4244,
-33.5266, 39.8028

■ 18.0532, -13.2777,
12.6373

■ 43.9485, -20.1720,
21.6837

■ 11.2628, -11.0099,
7.8839

■ 54.1378, -22.2221,
24.5763

■ 3.4149, -5.9761,
2.3904

■ 65.0117, -24.2029,
27.3296

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.5295, -26.1313,
29.9724

0.0000, NaN, NaN

■ 88.6571, -28.0198,
32.5263


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 101.3652,


-29.8775, 35.0078


0.0000, NaN, NaN


 114.6285,
-31.7112, 37.4299


 25.8339, -15.7499,
15.3135


 25.8339, -15.7499,
15.3135


 25.7116, -16.2903,
15.5582

 26.0471, -14.8253,
14.9081

 26.2861, -13.7763,
14.3114

 26.5560, -12.5807,
13.4600

 26.8578, -11.2368,
12.3414

 27.1920, -9.7453,
10.9482

■ 27.5592, -8.1089,
9.2773

■ 27.9593, -6.3318,
7.3293

■ 28.3923, -4.4197,
5.1078

■ 28.8579, -2.3789,
2.6192

Harmonies

Analogous

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



25.8345, -3.6237, 16.5878



25.8339, -15.7499, 15.3135



25.8345, -22.5562, 10.6148

Triad

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



25.8345, -15.7505, 15.3136



25.8345, -12.6106, -37.4968



25.8345, 33.9888, 3.4853

Complementary

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



25.8339, -15.7499, 15.3135



10.7204, 21.4380, -37.1695

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.



25.8345, 30.0521, -13.3242



25.8339, -15.7499, 15.3135



25.8345, 0.9433, -43.4238

Square

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



25.8345, -15.7505, 15.3136



25.8345, -21.0536, -19.4176



25.8345, 17.0369, -32.7903



25.8345, 26.8253, 12.6076

Rectangle

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



25.8339, -15.7499, 15.3135



25.8345, -24.2264, 3.8700



25.8345, 17.0369, -32.7903



25.8345, 33.9309, -1.3269

Sweetspot

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



25.8345, -15.7505, 15.3136



36.6685, -9.5851, 11.0410



17.9300, 10.5569, 10.7581



18.1372, -5.0536, 5.8018



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.



25.8345, -15.7505, 15.3136



33.8982, -21.8302, 20.5057



24.7209, -20.3598, 14.5319



14.6123, -1.7237, 1.9653



33.0496, -21.2557, 19.9929



79.0278, -52.4408, 47.7785

Inverse Universe

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



10.7204, 21.4380, -37.1695



12.9422, 30.3821, -55.3429



15.1332, 28.0973, -21.4594



13.7351, 0.2443, -0.5090



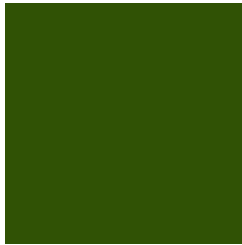
12.6311, 29.6325, -53.8632



29.4643, 70.2413, -134.3137

Previews

White Background



This preview shows how the HunterLab color 25.8339, -15.7499, 15.3135 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 25.8339, -15.7499, 15.3135 Background



This preview shows how black text looks on a background with the HunterLab color 25.8339, -15.7499, 15.3135.



This preview shows how white text looks on a background with the HunterLab color 25.8339,

-15.7499, 15.3135.

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

25.8339, -15.7499, 15.3135

Protanopia

25.6104, -3.9596, 15.7117

Deuteranopia

25.6360, 1.3910, 14.5946



Tritanopia

25.7836, -5.0040, -2.5562

Trichromacy



Original Color

25.8339, -15.7499, 15.3135

Protanomaly

25.4467, -8.6084, 15.3956

Deuteranomaly

25.4227, -5.8591, 14.6747

Tritanomaly

25.4939, -10.2251, 7.4136

Monochromacy



Original Color

25.8339, -15.7499, 15.3135

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.3389, -7.5505, 8.6844

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.8339, -15.7499, 15.3135 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(48, 82, 5)` looks like.

```
.text, #text, p{  
    color:rgb(48, 82, 5)  
}
```

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(48, 82, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 82, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 25.8339, -15.7499, 15.3135 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(48, 82, 5) }
```


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

```
.border{ border-color:rgb(48, 82, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 82, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 82, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(48, 82, 5); box-shadow:4px  
4px 4px 4px rgb(48, 82, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.8339, -15.7499, 15.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 82, 5) }
```

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

```
.background{ background-color: rgb(48, 82,  
5) }
```

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