

Converting Colors

HunterLab(30.8835, -15.2905,
11.1811)

Have a look what the booklet for
HunterLab(30.8835, -15.2905,
11.1811) contains.

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Color

**HunterLab(30.9855,
-15.3383, 11.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	3B603A
RGB	59, 96, 58
RGB Percent	23%, 38%, 23%
CMY	0.7686, 0.6235, 0.7725
CMYK	0.39, 0.00, 0.40, 0.62
HSL	118°, 25%, 30%
HSV	118°, 40%, 38%
XYZ	6.7502, 9.6010, 5.5004
YIQ	80.6050, -9.8540, -19.6620

Conversions

Conversions Part 2

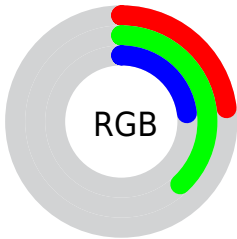
Format	Color
RYB	58, 96, 95
Decimal	3891258
CIELab	37.12, -21.89, 17.65
CIElCh	37, 28.119, 141.127
Yxy	9.6014, 0.3089, 0.4394
Android (android.graphics.Color)	4282081338 (0xFF3B603A)
YUV	80.6050, -11.1443, -18.9476
Hunter-Lab	30.9855, -15.3383, 11.1650

Details

The HunterLab color $[30.9855, -15.3383, 11.1650]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[25.1074, 15.3841, -10.3934]$, and the grayscale version is $[28.5841, -1.5252, 1.5530]$.

A 20% lighter version of the original color is $[50.0961, -19.1859, 14.3949]$, and $[15.1963, -10.8987, 7.4098]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.4173, -17.8840, 12.8944]$, and if you desaturate by 10%, it is $[31.6545, -12.4119, 9.1639]$.

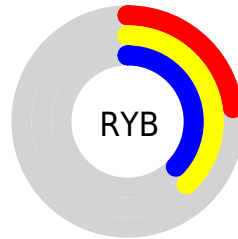
Distribution



Red (23%)

Green (38%)

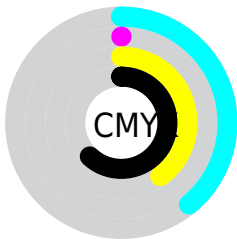
Blue (23%)



Red (23%)

Yellow (38%)

Blue (37%)

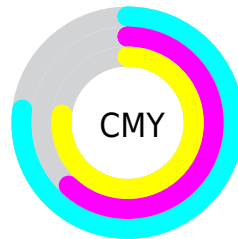


Cyan (39%)

Magenta (0%)

Yellow (40%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9855, -15.3383, 11.1650 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 30.9855, -15.3383, 11.1650 by changing the saturation by 10% instead.

■ 30.9855, -15.3383,
11.1650

■ 30.9855, -15.3383,
11.1650

137.0413,
-31.2042, 25.1157

■ 22.6616, -13.2592,
9.3746

■ 50.0430, -19.1648,
14.4806

■ 15.2544, -10.9891,
7.4539

■ 60.6528, -20.9739,
16.0586

■ 8.8766, -11.2206,
6.2136

■ 71.9215, -22.7382,
17.6043

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.8129, -24.4695,
19.1277

0.0000, NaN, NaN

■ 96.2957, -26.1760,
20.6358

0.0000, NaN, NaN

■ 109.3432,

0.0000, NaN, NaN

-27.8642, 22.1340

0.0000, NaN, NaN

122.9320,
-29.5390, 23.6262

■ 30.9855, -15.3383,
11.1650

■ 30.9855, -15.3383,
11.1650

■ 30.4173, -17.8840,
12.8944

■ 31.6545, -12.4119,
9.1639

■ 29.9475, -20.0254,
14.3370

■ 32.4217, -9.1326,
6.9102

■ 29.5744, -21.7515,
15.4863

■ 33.2856, -5.5357,
4.4279

■ 29.2940, -23.0634,
16.3450

■ 34.2434, -1.6583,
1.7427

■ 29.1000, -23.9773,
16.9264

■ 35.2916, 2.4623,
-1.1193

■ 28.9582, -24.6540,
17.3888

■ 36.4260, 6.7900,
-4.1328

■ 28.9524, -24.6820,
17.4082

■ 37.6424, 11.2914,
-7.2741

■ 38.9362, 15.9362,
-10.5218

■ 40.3030, 20.6980,
-13.8570

Harmonies

Analogous

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



30.9862, -8.3319, 14.4212



30.9855, -15.3383, 11.1650



30.9862, -18.5642, 4.3962

Triad

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



30.9862, -15.3389, 11.1653



30.9862, -4.5864, -22.5995



30.9862, 18.5612, 7.6200

Complementary

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



30.9855, -15.3383, 11.1650



25.1074, 15.3841, -10.3934

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.



30.9862, 19.8987, -1.2921



30.9855, -15.3383, 11.1650



30.9862, 5.6400, -20.8926

Square

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



30.9862, -15.3389, 11.1653



30.9862, -12.8982, -16.3605



30.9862, 14.9126, -12.2485



30.9862, 11.4621, 12.8758

Rectangle

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



30.9855, -15.3383, 11.1650



30.9862, -18.4620, -2.0840



30.9862, 14.9126, -12.2485



30.9862, 19.7324, 5.0360

Sweetspot

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



30.9862, -15.3389, 11.1653



43.7229, -8.6902, 6.8026



33.0593, -5.7162, 13.0916



21.7410, -4.5197, 3.5206



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.9862, -15.3389, 11.1653



40.2659, -23.6314, 17.0399



31.2791, -13.5170, 6.1683



16.9096, -2.6745, 2.1536



34.1344, -29.1269, 20.5235



78.8571, -67.4874, 47.4099

Inverse Universe

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



25.1074, 15.3841, -10.3934



30.8148, 26.0658, -17.8546



24.6313, 12.8552, -2.0685



16.2033, 0.9814, -0.4096



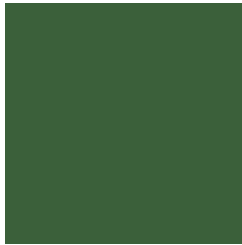
21.0745, 41.6628, -29.5755



48.6455, 96.2028, -68.5331

Previews

White Background



This preview shows how the HunterLab color 30.9855, -15.3383, 11.1650 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 30.9855, -15.3383, 11.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

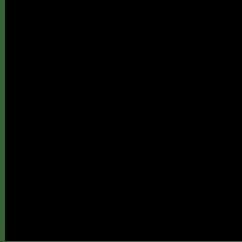
Any Text WCAG AA × Fail

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 30.9855, -15.3383, 11.1650 Background



This preview shows how black text looks on a background with the HunterLab color 30.9855, -15.3383, 11.1650.



This preview shows how white text looks on a background with the HunterLab color 30.9855,

-15.3383, 11.1650.

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

30.9855, -15.3383, 11.1650

Protanopia

30.8474, -3.0998, 12.2458

Deuteranopia

30.7677, 2.1095, 10.4882



Tritanopia

30.9149, -6.4060, -3.2238

Trichromacy



Original Color

30.9855, -15.3383, 11.1650

Protanomaly

30.6301, -7.9991, 11.7377

Deuteranomaly

30.6274, -5.0508, 10.5084

Tritanomaly

30.8921, -10.2046, 3.1504

Monochromacy



Original Color

30.9855, -15.3383, 11.1650

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.2457, -6.7586, 5.1239

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9855, -15.3383, 11.1650 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(59, 96, 58)` looks like.

```
.text, #text, p{  
    color:rgb(59, 96, 58)  
}
```

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(59, 96, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 96, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9855, -15.3383, 11.1650 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(59, 96, 58) }
```


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

```
.border{ border-color:rgb(59, 96, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 96, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 96, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 96, 58);  
box-shadow:4px 4px 4px 4px rgb(59, 96, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.9855, -15.3383, 11.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 96, 58) }
```

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

```
.background{ background-color: rgb(59, 96,  
58) }
```

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](#).

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