

Converting Colors

HunterLab(33.3916, -23.6332,
17.9825)

Have a look what the booklet for
HunterLab(33.3916, -23.6332,
17.9825) contains.

HunterLab(33.3507, -23.6371, 17.9531)	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(33.3507,
-23.6371, 17.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	2B6B1E
RGB	43, 107, 30
RGB Percent	17%, 42%, 12%
CMY	0.8314, 0.5804, 0.8823
CMYK	0.60, 0.00, 0.72, 0.58
HSL	110°, 56%, 27%
HSV	110°, 72%, 42%
XYZ	6.4883, 11.1227, 3.0332
YIQ	79.0860, -13.4270, -37.5150

Conversions

Conversions Part 2

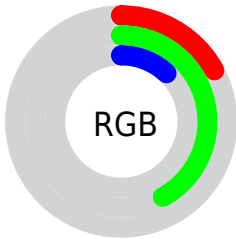
Format	Color
RYB	30, 107, 94
Decimal	2845470
CIELab	39.79, -36.11, 35.55
CIElCh	40, 50.678, 135.446
Yxy	11.1232, 0.3143, 0.5388
Android (android.graphics.Color)	4281035550 (0xFF2B6B1E)
YUV	79.0860, -24.1994, -31.6474
Hunter-Lab	33.3507, -23.6371, 17.9531

Details

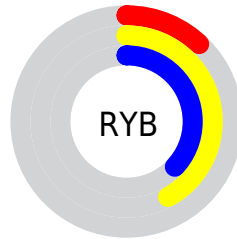
The HunterLab color **33.3507, -23.6371, 17.9531** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **20.9050, 29.4614, -26.0550**, and the grayscale version is **28.0816, -1.4984, 1.5257**.

A 20% lighter version of the original color is **52.7708, -29.3208, 23.6929**, and **17.3957, -14.9168, 10.4580** is the 20% darker color. If you saturate the color by 10%, you get **33.0239, -25.1378, 18.7785**, and if you desaturate by 10%, it is **33.7655, -21.7477, 16.7894**.

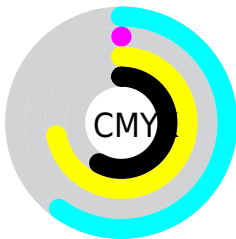
Distribution



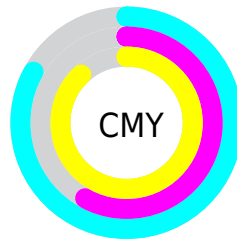
- Red (17%)
- Green (42%)
- Blue (12%)



- Red (12%)
- Yellow (42%)
- Blue (37%)



- Cyan (60%)
- Magenta (0%)
- Yellow (72%)
- Black (58%)



- Cyan (83%)
- Magenta (58%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3507, -23.6371, 17.9531 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 33.3507, -23.6371, 17.9531 by changing the saturation by 10% instead.

■ 33.3507, -23.6371,
17.9531

■ 33.3507, -23.6371,
17.9531

140.8938,
-46.4137, 41.0643

■ 24.7987, -20.4519,
14.7010

■ 52.8088, -29.3705,
23.8180

■ 17.1358, -16.9265,
11.9950

■ 63.5984, -32.0232,
26.5229

■ 10.4814, -15.8175,
7.3370

■ 75.0367, -34.5762,
29.1184

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.0888, -37.0501,
31.6264

0.0000, NaN, NaN

■ 99.7249, -39.4602,
34.0633

0.0000, NaN, NaN

■ 112.9191,

0.0000, NaN, NaN

-41.8184, 36.4422

0.0000, NaN, NaN

126.6488,
-44.1338, 38.7732

33.3507, -23.6371,
17.9531

33.3507, -23.6371,
17.9531

33.0239, -25.1378,
18.7785

33.7655, -21.7477,
16.7894

32.7781, -26.2603,
19.2912

34.2692, -19.4688,
15.2761

32.6267, -26.9597,
19.6324

34.8641, -16.8115,
13.4131

35.5505, -13.7942,
11.2090

36.3278, -10.4416,
8.6789

■ 37.1944, -6.7823,
5.8432

■ 38.1480, -2.8472,
2.7255

■ 39.1857, 1.3321,
-0.6485

■ 40.3044, 5.7246,
-4.2529

Harmonies

Analogous

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



33.3514, -10.7847, 20.7794



33.3507, -23.6371, 17.9531



33.3514, -29.8254, 9.2850

Triad

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



33.3514, -23.6377, 17.9533



33.3514, -10.3035, -50.7788



33.3514, 40.1810, 9.6669

Complementary

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



33.3507, -23.6371, 17.9531



20.9050, 29.4614, -26.0550

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.



33.3514, 40.3899, -7.9186



33.3507, -23.6371, 17.9531



33.3514, 8.2917, -50.4664

Square

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



33.3514, -23.6377, 17.9533



33.3514, -23.3523, -32.6802



33.3514, 27.7322, -31.9739



33.3514, 27.2118, 18.1009

Rectangle

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



33.3507, -23.6371, 17.9531



33.3514, -30.4459, -1.5789



33.3514, 27.7322, -31.9739



33.3514, 41.8268, 4.8867

Sweetspot

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



33.3514, -23.6377, 17.9533



48.5386, -14.2817, 11.8501



33.2089, -3.2773, 18.2125



23.7759, -7.4724, 6.1698



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.3514, -23.6377, 17.9533



43.9654, -34.6643, 25.6147



33.2594, -23.4888, 13.7765



18.6201, -2.7978, 2.4533



35.9711, -29.7976, 21.6436



81.0320, -67.9688, 48.7417

Inverse Universe

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



20.9050, 29.4614, -26.0550



25.2460, 45.8006, -42.1371



21.6177, 28.8422, -8.4081



17.7182, 0.9283, -0.5599



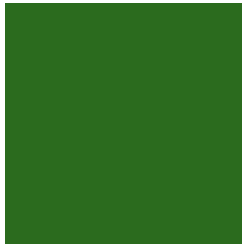
19.6479, 40.2202, -38.2541



43.9821, 90.2816, -87.5551

Previews

White Background



This preview shows how the HunterLab color 33.3507, -23.6371, 17.9531 looks on a white background.

Color Contrast Check

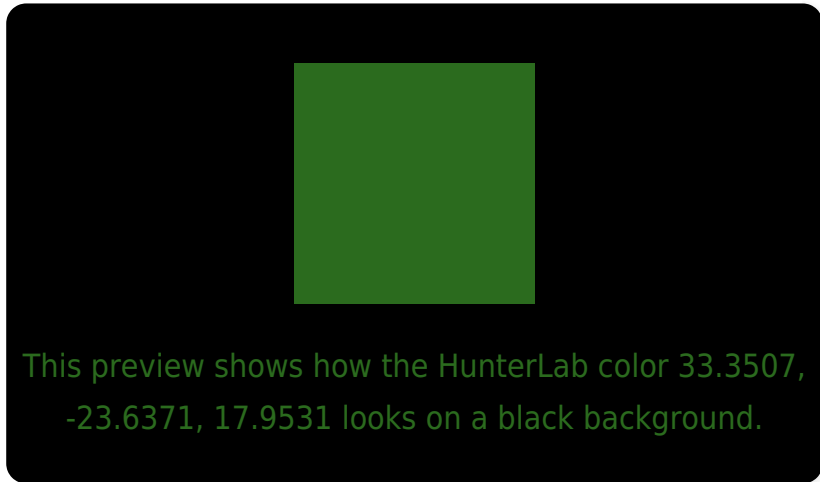
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

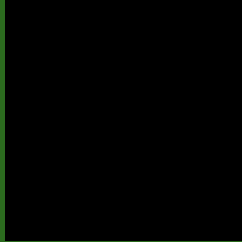
Any Text WCAG AA × Fail

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 33.3507, -23.6371, 17.9531 Background



This preview shows how black text looks on a background with the HunterLab color 33.3507, -23.6371, 17.9531.



This preview shows how white text looks on a background with the HunterLab color 33.3507,

-23.6371, 17.9531.

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

33.3507, -23.6371, 17.9531

Protanopia

33.2983, -4.5252, 18.5928

Deuteranopia

33.1532, 1.7926, 17.3301



Tritanopia

33.4032, -9.6803, -4.7689

Trichromacy



Original Color

33.3507, -23.6371, 17.9531

Protanomaly

32.8654, -13.2438, 18.0377

Deuteranomaly

32.5654, -9.8976, 17.1381

Tritanomaly

33.2625, -16.2466, 6.6838

Monochromacy



Original Color

33.3507, -23.6371, 17.9531

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

29.3938, -10.9860, 9.0147

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3507, -23.6371, 17.9531 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(43, 107, 30)` looks like.

```
.text, #text, p{  
    color:rgb(43, 107, 30)  
}
```

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(43, 107, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 107, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3507, -23.6371, 17.9531 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(43, 107, 30) }
```


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

```
.border{ border-color:rgb(43, 107, 30) }
```

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

Here you see how a box with a 4 pixel rgb(43, 107, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 107, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 107, 30);  
box-shadow:4px 4px 4px 4px rgb(43, 107,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3507, -23.6371, 17.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 107, 30) }
```

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

```
.background{ background-color: rgb(43, 107,  
30) }
```

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