

Converting Colors

HunterLab(33.4249, -19.2372,
22.4324)

Have a look what the booklet for
HunterLab(33.4249, -19.2372,
22.4324) contains.

HunterLab(33.5264, -18.4800, 20.3353)	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(33.5264,
-18.4800, 20.3353)**

Conversions

Conversions Part 1

Format	Color
Hex	476800
RGB	71, 104, 0
RGB Percent	28%, 41%, 0%
CMY	0.7216, 0.5921, 1.0000
CMYK	0.32, 0.00, 1.00, 0.59
HSL	79°, 100%, 20%
HSV	79°, 100%, 41%
XYZ	7.5488, 11.2402, 1.7717
YIQ	82.2770, 13.7160, -39.3400

Conversions

Conversions Part 2

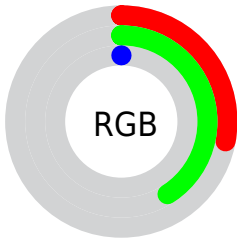
Format	Color
RYB	0, 104, 33
Decimal	4679680
CIELab	39.98, -26.38, 45.84
CIELCh	40, 52.888, 119.920
Yxy	11.2407, 0.3671, 0.5467
Android (android.graphics.Color)	4282869760 (0xFF476800)
YUV	82.2770, -40.5626, -9.8899
Hunter-Lab	33.5264, -18.4800, 20.3353

Details

The HunterLab color **33.5264, -18.4800, 20.3353** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **11.5026, 28.3853, -59.9251**, and the grayscale version is **29.2880, -1.5627, 1.5913**.

A 20% lighter version of the original color is **52.8861, -22.7549, 27.5511**, and **17.5063, -12.9792, 10.5601** is the 20% darker color. If you saturate the color by 10%, you get **33.5270, -18.4813, 20.3357**, and if you desaturate by 10%, it is **33.7516, -17.5242, 19.9658**.

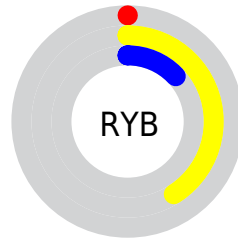
Distribution



Red (28%)

Green (41%)

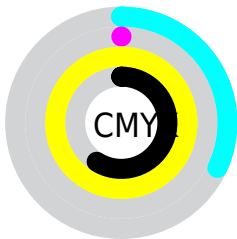
Blue (0%)



Red (0%)

Yellow (41%)

Blue (13%)

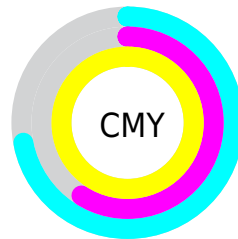


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5264, -18.4800, 20.3353 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 33.5264, -18.4800, 20.3353 by changing the saturation by 10% instead.

■ 33.5264, -18.4800,
20.3353

■ 33.5264, -18.4800,
20.3353

■ 141.1777,
-36.4199, 48.9623

■ 24.9579, -16.0897,
16.4981

■ 53.0136, -22.8615,
27.7067

■ 17.2766, -13.4793,
12.0936

■ 63.8163, -24.9214,
31.0912

■ 10.6010, -11.7078,
7.4207

■ 75.2669, -26.9226,
34.3229

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.3307, -28.8786,
37.4289

0.0000, NaN, NaN

■ 99.9779, -30.7995,
40.4305

0.0000, NaN, NaN


■ 113.1828,


0.0000, NaN, NaN


-32.6929, 43.3446


0.0000, NaN, NaN


 126.9228,
-34.5648, 46.1849


 33.5264, -18.4800,
20.3353


 33.5264, -18.4800,
20.3353


 33.5270, -18.4813,
20.3357

 33.7516, -17.5242,
19.9658

 33.9962, -16.4733,
19.4390

 34.2726, -15.2618,
18.5841

 34.5826, -13.8816,
17.3742

 34.9279, -12.3283,
15.7904

■ 35.3093, -10.6003,
13.8206

■ 35.7277, -8.6984,
11.4582

■ 36.1835, -6.6252,
8.7017

■ 36.6768, -4.3852,
5.5534

Harmonies

Analogous

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



33.5271, -1.7383, 21.4694



33.5264, -18.4800, 20.3353



33.5271, -28.4048, 15.2084

Triad

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



33.5271, -18.4808, 20.3355



33.5271, -18.5528, -45.8668



33.5271, 44.4068, 1.7751

Complementary

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



33.5264, -18.4800, 20.3353



11.5026, 28.3853, -59.9251

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.



33.5271, 37.0996, -21.3533



33.5264, -18.4800, 20.3353



33.5271, -1.8431, -56.8093

Square

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



33.5271, -18.4808, 20.3355



33.5271, -28.4392, -21.2131



33.5271, 18.9782, -45.9752



33.5271, 37.1738, 15.1629

Rectangle

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



33.5264, -18.4800, 20.3353



33.5271, -31.2399, 7.4741



33.5271, 18.9782, -45.9752



33.5271, 43.5510, -5.0186

Sweetspot

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



33.5271, -18.4808, 20.3355



47.2728, -11.7440, 15.4628



20.0685, 20.4828, 12.7243



23.2632, -6.1952, 8.1370



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.5271, -18.4808, 20.3355



44.3380, -24.7530, 26.8876



31.6864, -26.0422, 19.0688



17.9628, -2.0197, 2.5357



37.2000, -20.6110, 22.5616



84.6715, -48.2036, 51.3303

Inverse Universe

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



11.5026, 28.3853, -59.9251



15.0489, 37.4233, -80.5975



17.1112, 35.1430, -34.2228



16.7390, 0.2130, -0.7753



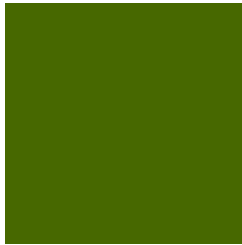
12.7068, 31.4566, -66.9488



28.2816, 71.1533, -157.8487

Previews

White Background



This preview shows how the HunterLab color 33.5264, -18.4800, 20.3353 looks on a white background.

Color Contrast Check

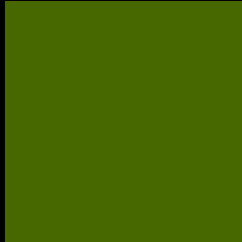
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 33.5264, -18.4800, 20.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

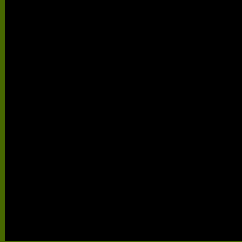
Any Text WCAG AA × Fail

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 33.5264, -18.4800, 20.3353 Background



This preview shows how black text looks on a background with the HunterLab color 33.5264, -18.4800, 20.3353.



This preview shows how white text looks on a background with the HunterLab color 33.5264,

-18.4800, 20.3353.

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

33.5264, -18.4800, 20.3353

Protanopia

33.2710, -4.8605, 20.4163

Deuteranopia

33.3425, 2.1798, 19.4068



Tritanopia

33.6128, -4.8322, -2.4740

Trichromacy



Original Color

33.5264, -18.4800, 20.3353

Protanomaly

33.2604, -10.5388, 20.3104

Deuteranomaly

32.9534, -5.9123, 19.5171

Tritanomaly

33.2949, -12.1538, 11.1249

Monochromacy



Original Color

33.5264, -18.4800, 20.3353

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.2985, -9.3207, 12.1491

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5264, -18.4800, 20.3353 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(71, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 104, 0)  
}
```

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(71, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 104, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5264, -18.4800, 20.3353 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(71, 104, 0) }
```


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

```
.border{ border-color:rgb(71, 104, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(71, 104, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5264, -18.4800, 20.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 104, 0) }
```

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

```
.background{ background-color: rgb(71, 104,  
0) }
```

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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