

Converting Colors

HunterLab(18.9869, 0.8679,
6.2558)

Have a look what the booklet for
HunterLab(18.9869, 0.8679, 6.2558)
contains.

HunterLab(18.9505, 1.0485, 6.2195)	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(18.9505, 1.0485,
6.2195)**

Conversions

Conversions Part 1

Format	Color
Hex	403325
RGB	64, 51, 37
RGB Percent	25%, 20%, 15%
CMY	0.7490, 0.8000, 0.8549
CMYK	0.00, 0.20, 0.42, 0.75
HSL	31°, 27%, 20%
HSV	31°, 42%, 25%
XYZ	3.6321, 3.5912, 2.2520
YIQ	53.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

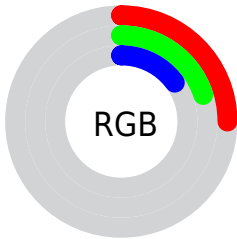
Format	Color
RYB	62, 64, 37
Decimal	4207397
CIELab	22.27, 3.45, 11.09
CIELCh	22, 11.610, 72.711
Yxy	3.5914, 0.3833, 0.3790
Android (android.graphics.Color)	4282397477 (0xFF403325)
YUV	53.2910, -8.0315, 9.3918
Hunter-Lab	18.9505, 1.0485, 6.2195

Details

The HunterLab color **18.9505, 1.0485, 6.2195** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.4488, -1.5955, -5.7577**, and the grayscale version is **18.9904, -1.0133, 1.0318**.

A 20% lighter version of the original color is **35.5012, 0.6213, 8.5548**, and **4.9698, 2.8979, 3.1131** is the 20% darker color. If you saturate the color by 10%, you get **18.1501, 1.7752, 7.0700**, and if you desaturate by 10%, it is **19.7824, 0.3982, 5.2308**.

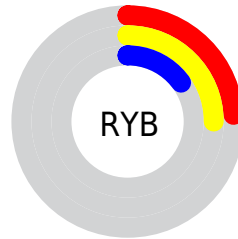
Distribution



Red (25%)

Green (20%)

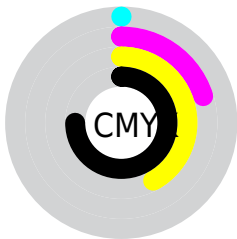
Blue (15%)



Red (24%)

Yellow (25%)

Blue (15%)

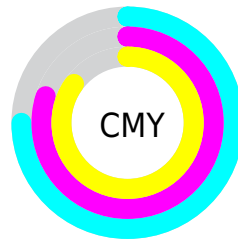


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9505, 1.0485, 6.2195 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 18.9505, 1.0485, 6.2195 by changing the saturation by 10% instead.

■ 18.9505, 1.0485,
6.2195

■ 18.9505, 1.0485,
6.2195

■ 116.2812, -2.4941,
17.0616

■ 12.0321, 1.1409,
4.9525

■ 35.6041, 0.6221,
8.7379

■ 5.0150, 2.7302,
3.5105

■ 45.1518, 0.3147,
9.9420

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.4269, -0.0456,
11.1306

0.0000, NaN, NaN

■ 66.3813, -0.4537,
12.3122

0.0000, NaN, NaN

■ 77.9751, -0.9055,
13.4927

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.1749, -1.3978,

14.6760

0.0000, NaN, NaN

102.9520, -1.9281,
15.8649

18.9505, 1.0485,
6.2195

18.9505, 1.0485,
6.2195

18.1501, 1.7752,
7.0700

19.7824, 0.3982,
5.2308

17.3820, 2.5828,
7.7708

20.6424, -0.1771,
4.1139

16.6489, 3.4719,
8.3121

21.5290, -0.6820,
2.8794

15.9531, 4.4415,
8.6856

22.4404, -1.1206,
1.5372

15.2918, 5.4621,
8.9616

23.3750, -1.4974,
0.0961

■ 14.7926, 6.2526,
9.2246

■ 24.3313, -1.8165,
-1.4355

■ 25.3079, -2.0819,
-3.0501

■ 26.3036, -2.2975,
-4.7411

■ 27.3173, -2.4669,
-6.5024

Harmonies

Analogous

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



18.9509, 4.2384, 4.9100



18.9505, 1.0485, 6.2195



18.9509, -2.4830, 6.3117

Triad

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



18.9509, 1.0478, 6.2197



18.9509, -7.1902, -0.4452



18.9509, 3.8159, -4.3535

Complementary

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



18.9505, 1.0485, 6.2195



17.4488, -1.5955, -5.7577

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.



18.9509, 0.5049, -6.4112



18.9505, 1.0485, 6.2195



18.9509, -5.7468, -3.8925

Square

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



18.9509, 1.0478, 6.2197



18.9509, -7.0683, 2.8521



18.9509, -2.9878, -6.2285



18.9509, 5.9151, -0.9897

Rectangle

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



18.9505, 1.0485, 6.2195



18.9509, -4.5431, 5.7005



18.9509, -2.9878, -6.2285



18.9509, 2.7978, -5.2463

Sweetspot

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



18.9509, 1.0478, 6.2197



28.1971, -0.8108, 4.0296



16.2601, 8.3508, -0.8585



14.7290, -0.3870, 2.2163



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



18.9509, 1.0478, 6.2197



23.7968, 2.4512, 9.4263



22.0802, -4.2619, 8.8311



11.9494, -0.4637, 1.3152



21.9966, 10.7667, 13.7427



53.3733, 30.8485, 33.4284

Inverse Universe

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



17.4488, -1.5955, -5.7577



21.3365, -1.8104, -10.2771



14.4743, 3.8508, -10.8823



11.7764, -0.7742, -0.0567



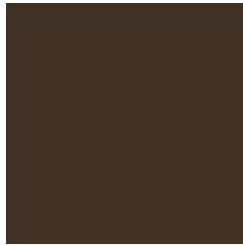
16.9304, 3.6418, -29.0232



40.1690, 13.5790, -79.5208

Previews

White Background



This preview shows how the HunterLab color 18.9505, 1.0485, 6.2195 looks on a white background.

Color Contrast Check

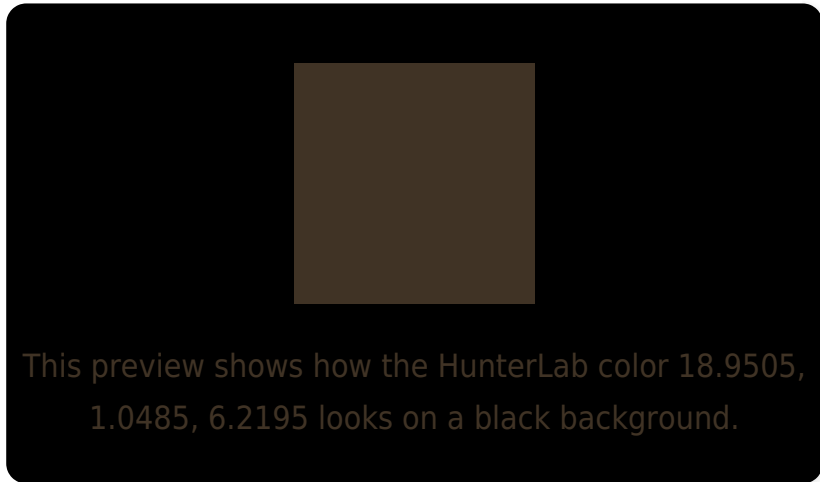
Large Text (above 18pt) WCAG AA ✓ Pass

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

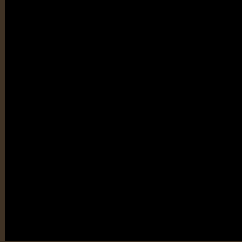
Any Text WCAG AA × Fail

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 18.9505, 1.0485, 6.2195 Background



This preview shows how black text looks on a background with the HunterLab color 18.9505, 1.0485, 6.2195.

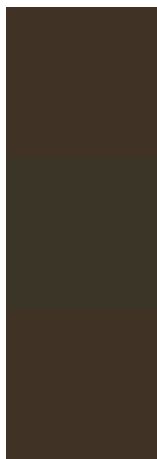


This preview shows how white text looks on a background with the HunterLab color 18.9505, 1.0485,

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

18.9505, 1.0485, 6.2195

Protanopia

18.9359, -1.3904, 5.9023

Deuteranopia

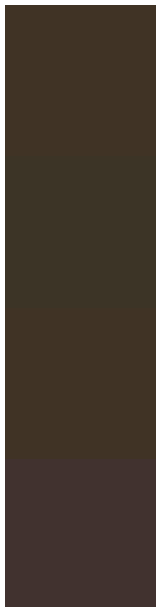
18.9505, 1.0485, 6.2195



Tritanopia

19.0050, 4.1945, 1.2766

Trichromacy



Original Color

18.9505, 1.0485, 6.2195

Protanomaly

18.8589, -0.4309, 5.8482

Deuteranomaly

18.9505, 1.0485, 6.2195

Tritanomaly

19.0007, 2.7638, 3.3647

Monochromacy



Original Color

18.9505, 1.0485, 6.2195

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.7912, -0.3174, 3.0881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9505, 1.0485, 6.2195 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(64, 51, 37)` looks like.

```
.text, #text, p{  
    color:rgb(64, 51, 37)  
}
```

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(64, 51, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 51, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9505, 1.0485, 6.2195 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(64, 51, 37) }
```


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

```
.border{ border-color:rgb(64, 51, 37) }
```

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

Here you see how a box with a 4 pixel rgb(64, 51, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 51, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 51, 37);  
box-shadow:4px 4px 4px 4px rgb(64, 51, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9505, 1.0485, 6.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 51, 37) }
```

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

```
.background{ background-color: rgb(64, 51,  
37) }
```

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