

Converting Colors

HunterLab(19.2165, -15.4736,
9.3840)

Have a look what the booklet for
HunterLab(19.2165, -15.4736,
9.3840) contains.

HunterLab(19.2897, -15.5389, 9.4335)	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(19.2897,
-15.5389, 9.4335)**

Conversions

Conversions Part 1

Format	Color
Hex	004015
RGB	0, 64, 21
RGB Percent	0%, 25%, 8%
CMY	1.0000, 0.7490, 0.9176
CMYK	1.00, 0.00, 0.67, 0.75
HSL	140°, 100%, 13%
HSV	140°, 100%, 25%
XYZ	1.9687, 3.7209, 1.3239
YIQ	39.9620, -24.3410, -26.9410

Conversions

Conversions Part 2

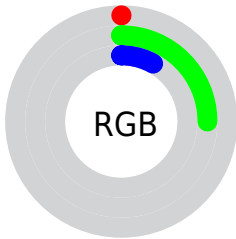
Format	Color
RYB	0, 48, 64
Decimal	16405
CIELab	22.73, -29.61, 20.78
CIELCh	23, 36.173, 144.939
Yxy	3.7211, 0.2807, 0.5305
Android (android.graphics.Color)	4278206485 (0xFF004015)
YUV	39.9620, -9.3483, -35.0467
Hunter-Lab	19.2897, -15.5389, 9.4335

Details

The HunterLab color **19.2897, -15.5389, 9.4335** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.2448, 20.8080, -4.7574**, and the grayscale version is **14.5897, -0.7785, 0.7927**.

A 20% lighter version of the original color is **36.1411, -21.0354, 13.6974**, and **6.3316, -5.4294, 3.8065** is the 20% darker color. If you saturate the color by 10%, you get **19.2901, -15.5391, 9.4336**, and if you desaturate by 10%, it is **19.4415, -14.8123, 8.8634**.

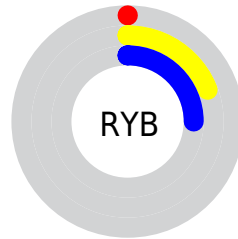
Distribution



Red (0%)

Green (25%)

Blue (8%)



Red (0%)

Yellow (19%)

Blue (25%)

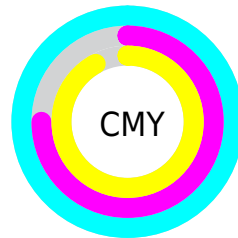


Cyan (100%)

Magenta (0%)

Yellow (67%)

Black (75%)



Cyan (100%)

Magenta (75%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.2897, -15.5389, 9.4335 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 19.2897, -15.5389, 9.4335 by changing the saturation by 10% instead.

■ 19.2897, -15.5389,
9.4335

■ 19.2897, -15.5389,
9.4335

■ 116.9008,
-36.3306, 25.6377

■ 12.3239, -12.6394,
8.2354

■ 36.0222, -20.9590,
13.5408

■ 5.4945, -9.6154,
3.8462

■ 45.6042, -23.3941,
15.4134

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.9112, -25.7132,
17.2121

0.0000, NaN, NaN

■ 66.8955, -27.9451,
18.9574

0.0000, NaN, NaN

■ 78.5176, -30.1100,
20.6635


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.7443, -32.2224,


22.3408


0.0000, NaN, NaN


 103.5470,
-34.2931, 23.9969


 19.2897, -15.5389,
9.4335


 19.2897, -15.5389,
9.4335


 19.2901, -15.5391,
9.4336

 19.4415, -14.8123,
8.8634

 19.6028, -14.0371,
8.1986

 19.8049, -13.0882,
7.4662

 20.0563, -11.9370,
6.6783

 20.3588, -10.5864,
5.8425

■ 20.7130, -9.0437,
4.9669

■ 21.1192, -7.3201,
4.0598

■ 21.5770, -5.4291,
3.1296

■ 22.0854, -3.3864,
2.1840

Harmonies

Analogous

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



19.2901, -9.2066, 12.1312



19.2897, -15.5389, 9.4335



19.2901, -17.9779, 2.7516

Triad

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



19.2901, -15.5391, 9.4336



19.2901, -2.8717, -31.9466



19.2901, 22.3011, 7.7829

Complementary

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



19.2897, -15.5389, 9.4335



11.2448, 20.8080, -4.7574

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.



19.2901, 25.0666, -0.8222



19.2897, -15.5389, 9.4335



19.2901, 8.7854, -27.7936

Square

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



19.2901, -15.5391, 9.4336



19.2901, -11.7941, -23.9489



19.2901, 19.6566, -14.5701



19.2901, 12.7763, 11.4454

Rectangle

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



19.2897, -15.5389, 9.4335



19.2901, -17.5835, -4.9299



19.2901, 19.6566, -14.5701



19.2901, 24.1312, 5.5727

Sweetspot

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



19.2901, -15.5391, 9.4336



27.7460, -9.9631, 5.5116



20.4854, -10.9220, 12.4318



14.5108, -5.4514, 3.0075



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.



19.2901, -15.5391, 9.4336



25.3889, -20.6180, 12.7744



19.7921, -12.4560, 2.1505



12.1166, -1.6851, 1.1195



29.3838, -23.9430, 14.9589



73.4956, -60.6448, 39.0516

Inverse Universe

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



11.2448, 20.8080, -4.7574



14.7735, 27.2684, -5.7123



10.5638, 18.3358, 4.9257



11.6218, 0.4532, 0.1752



17.0843, 31.4983, -6.3315



42.5888, 78.1629, -13.0094

Previews

White Background



This preview shows how the HunterLab color 19.2897, -15.5389, 9.4335 looks on a white background.

Color Contrast Check

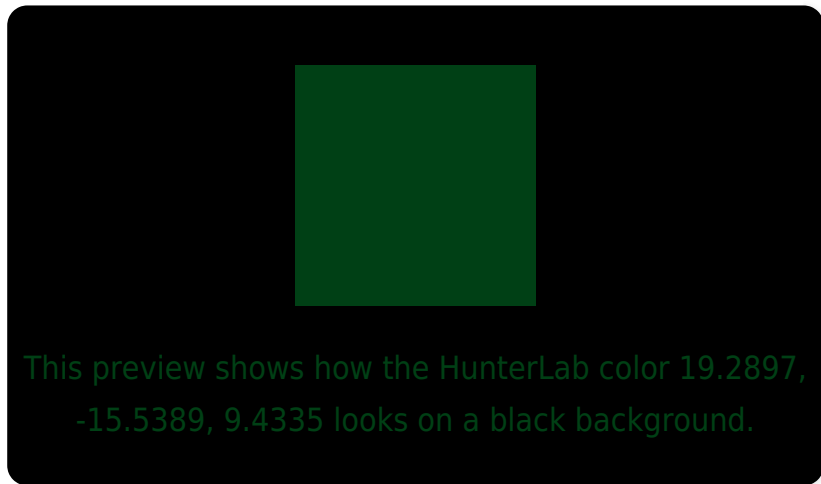
Large Text (above 18pt) WCAG AA ✓ Pass

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

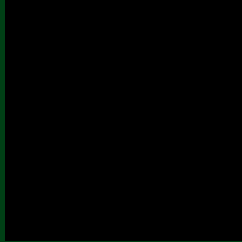
Any Text WCAG AA × Fail

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 19.2897, -15.5389, 9.4335 Background



This preview shows how black text looks on a background with the HunterLab color 19.2897, -15.5389, 9.4335.



This preview shows how white text looks on a background with the HunterLab color 19.2897,

-15.5389, 9.4335.

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

19.2897, -15.5389, 9.4335

Protanopia

19.4203, -2.6595, 10.0392

Deuteranopia

19.3781, 0.9752, 9.1438



Tritanopia

19.5780, -6.9459, -3.2028

Trichromacy



Original Color

19.2897, -15.5389, 9.4335

Protanomaly

18.7295, -9.1792, 9.2853

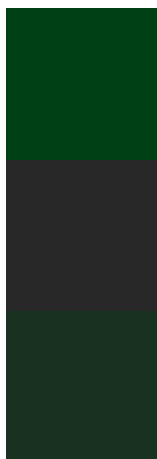
Deuteranomaly

18.4605, -7.4044, 8.4702

Tritanomaly

19.1792, -10.7216, 2.6477

Monochromacy



Original Color

19.2897, -15.5389, 9.4335

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.8528, -7.7704, 4.2510

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.2897, -15.5389, 9.4335 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(0, 64, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 21)  
}
```

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(0, 64, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 19.2897, -15.5389, 9.4335 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(0, 64, 21) }
```


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

```
.border{ border-color:rgb(0, 64, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 21); box-shadow:4px  
4px 4px 4px rgb(0, 64, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.2897, -15.5389, 9.4335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 21) }
```

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

```
.background{ background-color: rgb(0, 64,  
21) }
```

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