

Converting Colors

HunterLab(16.6160, -9.4486,
5.5742)

Have a look what the booklet for
HunterLab(16.6160, -9.4486, 5.5742)
contains.

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Color

**HunterLab(16.5284, -9.3160,
5.6155)**

Conversions

Conversions Part 1

Format	Color
Hex	17341E
RGB	23, 52, 30
RGB Percent	9%, 20%, 12%
CMY	0.9098, 0.7961, 0.8823
CMYK	0.56, 0.00, 0.42, 0.80
HSL	134°, 39%, 15%
HSV	134°, 56%, 20%
XYZ	1.8157, 2.7319, 1.6599
YIQ	40.8210, -10.2220, -12.9900

Conversions

Conversions Part 2

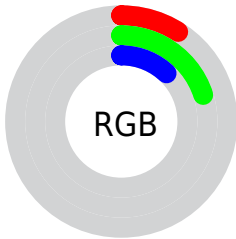
Format	Color
R_{YB}	23, 46, 52
Decimal	1520670
CIE _{Lab}	18.94, -16.93, 10.64
CIE _{LCh}	19, 19.996, 147.838
Yxy	2.7320, 0.2925, 0.4401
Android (android.graphics.Color)	4279710750 (0xFF17341E)
YUV	40.8210, -5.3348, -15.6290
Hunter-Lab	16.5284, -9.3160, 5.6155

Details

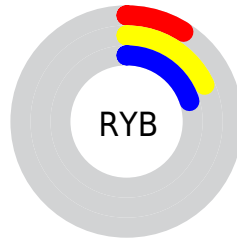
The HunterLab color **16.5284, -9.3160, 5.6155** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.3789, 10.0070, -4.0882**, and the grayscale version is **14.8522, -0.7925, 0.8070**.

A 20% lighter version of the original color is **32.6298, -12.8912, 8.1088**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.3022, -10.3432, 6.2980**, and if you desaturate by 10%, it is **16.7958, -8.1331, 4.8793**.

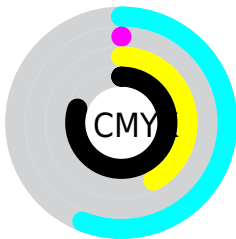
Distribution



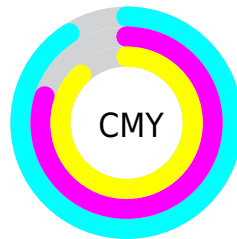
- Red (9%)
- Green (20%)
- Blue (12%)



- Red (9%)
- Yellow (18%)
- Blue (20%)



- Cyan (56%)
- Magenta (0%)
- Yellow (42%)
- Black (80%)



- Cyan (91%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5284, -9.3160, 5.6155 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 16.5284, -9.3160, 5.6155 by changing the saturation by 10% instead.

■ 16.5284, -9.3160,
5.6155

■ 16.5284, -9.3160,
5.6155

111.7762,
-23.2968, 16.2614

■ 9.9673, -8.0025,
4.9957

■ 32.5919, -12.7716,
8.1001

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.8842, -14.3656,
9.2818

0.0000, NaN, NaN

■ 51.9226, -15.9098,
10.4470

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6553, -17.4201,
11.6049

0.0000, NaN, NaN

■ 74.0399, -18.9073,
12.7616

0.0000, NaN, NaN

■ 86.0410, -20.3790,

0.0000, NaN, NaN

13.9215

■ 98.6285, -21.8408,
15.0873

■ 16.5284, -9.3160,
5.6155

■ 16.5284, -9.3160,
5.6155

■ 16.3022, -10.3432,
6.2980

■ 16.7958, -8.1331,
4.8793

■ 16.1152, -11.2094,
6.9205

■ 17.1035, -6.8016,
4.0954

■ 15.9626, -11.9302,
7.4751

■ 17.4518, -5.3315,
3.2709

■ 15.8196, -12.6055,
7.9405

■ 17.8401, -3.7345,
2.4126

■ 15.7607, -12.8825,
8.1100

■ 18.2675, -2.0231,
1.5273

■ 18.7328, -0.2102,
0.6215

■ 19.2348, 1.6915,
-0.2992

■ 19.7720, 3.6699,
-1.2295

■ 20.3429, 5.7137,
-2.1649

Harmonies

Analogous

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



16.5287, -5.7825, 7.8080



16.5284, -9.3160, 5.6155



16.5287, -10.6300, 1.2956

Triad

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



16.5287, -9.3162, 5.6156



16.5287, -1.3021, -13.6313



16.5287, 10.2004, 5.1325

Complementary

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



16.5284, -9.3160, 5.6155



12.3789, 10.0070, -4.0882

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.



16.5287, 11.8267, 0.4938



16.5284, -9.3160, 5.6155



16.5287, 4.6638, -11.5252

Square

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



16.5287, -9.3162, 5.6156



16.5287, -6.4188, -10.8609



16.5287, 9.6766, -5.8154



16.5287, 5.4938, 7.6043

Rectangle

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



16.5284, -9.3160, 5.6155



16.5287, -10.2291, -2.6977



16.5287, 9.6766, -5.8154



16.5287, 11.1517, 3.8351

Sweetspot

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



16.5287, -9.3162, 5.6156



23.3193, -5.3725, 3.4162



17.5533, -5.5475, 7.9810



12.6242, -2.9452, 1.8691



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



16.5287, -9.3162, 5.6156



21.2870, -14.1710, 8.6841



16.7992, -7.7110, 1.7132



9.8110, -1.3222, 0.9421



26.9121, -22.3319, 14.5703



70.5321, -59.2117, 39.6621

Inverse Universe

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



12.3789, 10.0070, -4.0882



14.7108, 16.7368, -6.6231



12.0018, 8.2436, 1.2263



9.4530, 0.3193, 0.1029



15.9688, 29.9381, -9.7671



41.7245, 77.9155, -23.1232

Previews

White Background



This preview shows how the HunterLab color 16.5284, -9.3160, 5.6155 looks on a white background.

Color Contrast Check

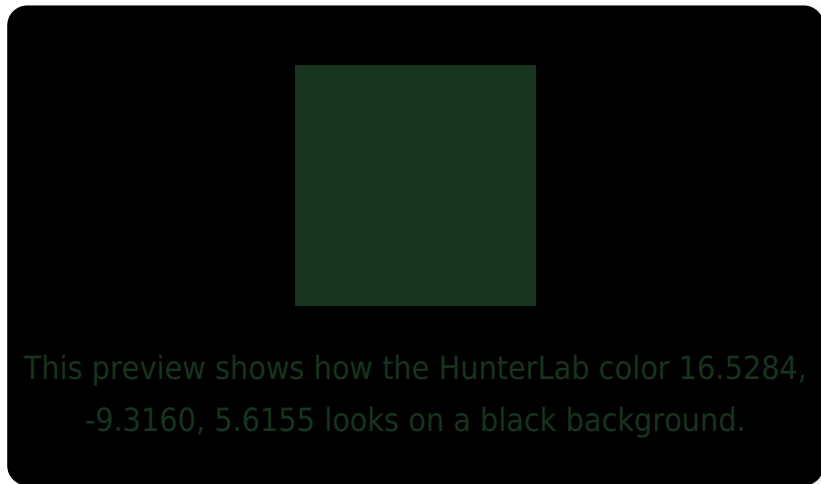
Large Text (above 18pt) WCAG AA ✓ Pass

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

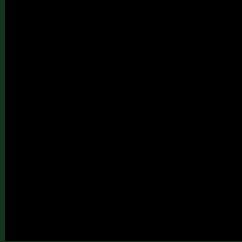
Any Text WCAG AA × Fail

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 16.5284, -9.3160, 5.6155 Background



This preview shows how black text looks on a background with the HunterLab color 16.5284, -9.3160, 5.6155.



This preview shows how white text looks on a background with the HunterLab color 16.5284, -9.3160,

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

16.5284, -9.3160, 5.6155

Protanopia

16.4801, -1.7406, 6.1721

Deuteranopia

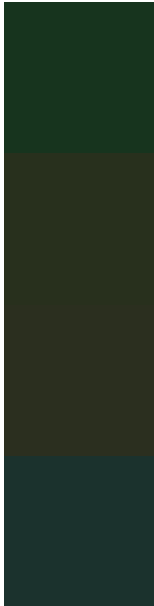
16.4860, 0.7835, 5.2578



Tritanopia

16.4769, -4.4854, -2.0454

Trichromacy



Original Color

16.5284, -9.3160, 5.6155

Protanomaly

16.2903, -4.9078, 5.7214

Deuteranomaly

16.2651, -3.6608, 5.2330

Tritanomaly

16.4429, -6.3443, 1.0691

Monochromacy



Original Color

16.5284, -9.3160, 5.6155

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.3311, -4.3351, 2.6023

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5284, -9.3160, 5.6155 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(23, 52, 30)` looks like.

```
.text, #text, p{  
  color:rgb(23, 52, 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(23, 52, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 52, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5284, -9.3160, 5.6155 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(23, 52, 30) }
```


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

```
.border{ border-color:rgb(23, 52, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 52, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 52, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 52, 30);  
box-shadow:4px 4px 4px 4px rgb(23, 52, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5284, -9.3160, 5.6155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 52, 30) }
```

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

```
.background{ background-color: rgb(23, 52,  
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](#).

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