

Converting Colors

HunterLab(19.4944, -15.8895,
10.1621)

Have a look what the booklet for
HunterLab(19.4944, -15.8895,
10.1621) contains.

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Color

**HunterLab(19.5640,
-15.9529, 10.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	014111
RGB	1, 65, 17
RGB Percent	0%, 25%, 7%
CMY	0.9961, 0.7451, 0.9333
CMYK	0.98, 0.00, 0.74, 0.75
HSL	135°, 97%, 13%
HSV	135°, 98%, 25%
XYZ	2.0040, 3.8275, 1.1635
YIQ	40.3920, -22.7360, -28.4960

Conversions

Conversions Part 2

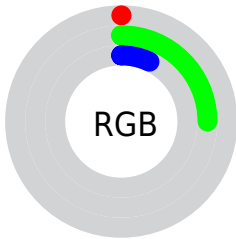
Format	Color
R_{YB}	1, 52, 65
Decimal	82193
CIE _{Lab}	23.09, -30.37, 23.35
CIE _{LCh}	23, 38.311, 142.449
Yxy	3.8277, 0.2865, 0.5472
Android (android.graphics.Color)	4278272273 (0xFF014111)
YUV	40.3920, -11.5323, -34.5468
Hunter-Lab	19.5640, -15.9529, 10.1688

Details

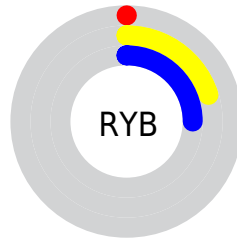
The HunterLab color **19.5640, -15.9529, 10.1688** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.6932, 21.4442, -7.1524**, and the grayscale version is **14.7354, -0.7862, 0.8006**.

A 20% lighter version of the original color is **36.4444, -21.5007, 14.6662**, and **6.8245, -5.8521, 4.1028** is the 20% darker color. If you saturate the color by 10%, you get **19.5420, -16.0600, 10.2431**, and if you desaturate by 10%, it is **19.7144, -15.2338, 9.6171**.

Distribution



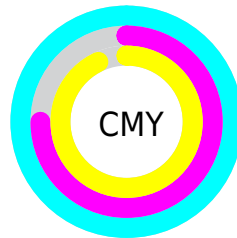
- Red (0%)
- Green (25%)
- Blue (7%)



- Red (0%)
- Yellow (20%)
- Blue (25%)



- Cyan (98%)
- Magenta (0%)
- Yellow (74%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5640, -15.9529, 10.1688 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 19.5640, -15.9529, 10.1688 by changing the saturation by 10% instead.

■ 19.5640, -15.9529,
10.1688

■ 19.5640, -15.9529,
10.1688

■ 117.4001,
-37.1395, 27.8280

■ 12.5604, -12.9387,
8.7923

■ 36.3597, -21.4830,
14.7013

■ 5.8519, -10.2408,
4.0963

■ 45.9692, -23.9666,
16.7555

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.3018, -26.3308,
18.7206

0.0000, NaN, NaN

■ 67.3102, -28.6051,
20.6198

0.0000, NaN, NaN

■ 78.9550, -30.8100,
22.4697

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.2032, -32.9604,


24.2821


0.0000, NaN, NaN


 104.0265,
-35.0673, 26.0659


 19.5640, -15.9529,
10.1688


 19.5640, -15.9529,
10.1688


 19.5420, -16.0600,
10.2431

 19.7144, -15.2338,
9.6171

 19.8798, -14.4395,
8.9493

 20.0923, -13.4420,
8.1912

 20.3573, -12.2268,
7.3512

 20.6764, -10.7978,
6.4369

■ 21.0502, -9.1636,
5.4570

■ 21.4788, -7.3369,
4.4209

■ 21.9617, -5.3331,
3.3384

■ 22.4978, -3.1693,
2.2188

Harmonies

Analogous

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



19.5644, -8.9614, 12.7611



19.5640, -15.9529, 10.1688



19.5644, -18.8101, 3.6890

Triad

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



19.5644, -15.9531, 10.1689



19.5644, -3.9321, -34.5745



19.5644, 24.5841, 7.6331

Complementary

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



19.5640, -15.9529, 10.1688



11.6932, 21.4442, -7.1524

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.



19.5644, 26.8372, -1.9819



19.5640, -15.9529, 10.1688



19.5644, 8.3726, -31.1271

Square

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



19.5644, -15.9531, 10.1689



19.5644, -13.0196, -24.8596



19.5644, 20.3340, -17.1332



19.5644, 14.7537, 11.6945

Rectangle

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



19.5640, -15.9529, 10.1688



19.5644, -18.6076, -4.1698



19.5644, 20.3340, -17.1332



19.5644, 26.3341, 5.1620

Sweetspot

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



19.5644, -15.9531, 10.1689



27.7039, -10.2068, 6.1188



21.0616, -10.0551, 12.7212



14.4878, -5.5851, 3.3400



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.



19.5644, -15.9531, 10.1689



25.3343, -20.9591, 13.5791



20.0223, -13.1324, 3.5031



12.1110, -1.7163, 1.1996



29.3220, -24.3292, 15.8697



73.3574, -61.5095, 41.0909

Inverse Universe

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



11.6932, 21.4442, -7.1524



15.0062, 28.0983, -8.9056



10.8905, 18.5098, 4.1476



11.6279, 0.4860, 0.0885



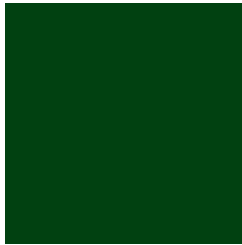
17.3569, 32.4706, -10.0744



43.3006, 80.7080, -22.8284

Previews

White Background



This preview shows how the HunterLab color 19.5640, -15.9529, 10.1688 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

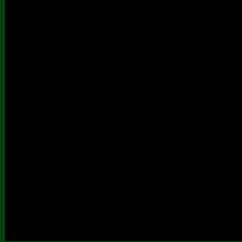
Any Text WCAG AA × Fail

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 19.5640, -15.9529, 10.1688 Background



This preview shows how black text looks on a background with the HunterLab color 19.5640, -15.9529, 10.1688.



This preview shows how white text looks on a background with the HunterLab color 19.5640,

-15.9529, 10.1688.

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

19.5640, -15.9529, 10.1688

Protanopia

19.7154, -2.9312, 10.7381

Deuteranopia

19.6706, 0.7141, 9.8456



Tritanopia

19.9094, -7.0113, -3.2040

Trichromacy



Original Color

19.5640, -15.9529, 10.1688

Protanomaly

19.0170, -9.5082, 10.0234

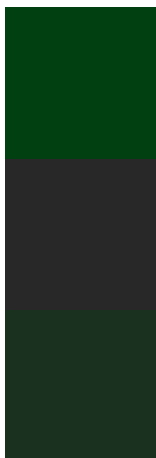
Deuteranomaly

18.7410, -7.7651, 9.3184

Tritanomaly

19.4609, -11.0747, 3.2785

Monochromacy



Original Color

19.5640, -15.9529, 10.1688

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.8762, -7.7137, 4.5445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5640, -15.9529, 10.1688 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(1, 65, 17)` looks like.

```
.text, #text, p{  
    color:rgb(1, 65, 17)  
}
```

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(1, 65, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 65, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5640, -15.9529, 10.1688 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(1, 65, 17) }
```


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

```
.border{ border-color:rgb(1, 65, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 65, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 65, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 65, 17); box-shadow:4px  
4px 4px 4px rgb(1, 65, 17) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.5640, -15.9529, 10.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 65, 17) }
```

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

```
.background{ background-color: rgb(1, 65,  
17) }
```

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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