

Converting Colors

HunterLab(19.7907, -12.6635,
6.5499)

Have a look what the booklet for
HunterLab(19.7907, -12.6635,
6.5499) contains.

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Color

**HunterLab(19.8625,
-12.7255, 6.5427)**

Conversions

Conversions Part 1

Format	Color
Hex	134026
RGB	19, 64, 38
RGB Percent	7%, 25%, 15%
CMY	0.9255, 0.7490, 0.8510
CMYK	0.70, 0.00, 0.41, 0.75
HSL	145°, 54%, 16%
HSV	145°, 70%, 25%
XYZ	2.4518, 3.9452, 2.4660
YIQ	47.5810, -18.4740, -17.6260

Conversions

Conversions Part 2

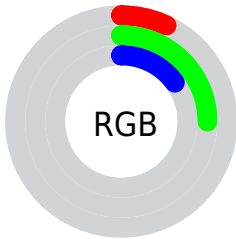
Format	Color
R_{YB}	19, 51, 64
Decimal	1261606
CIE _{Lab}	23.49, -22.48, 11.50
CIE _{LCh}	23, 25.248, 152.905
Yxy	3.9453, 0.2766, 0.4451
Android (android.graphics.Color)	4279451686 (0xFF134026)
YUV	47.5810, -4.7234, -25.0655
Hunter-Lab	19.8625, -12.7255, 6.5427

Details

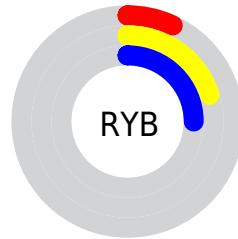
The HunterLab color **19.8625, -12.7255, 6.5427** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.2109, 14.9972, -2.7395**, and the grayscale version is **17.0728, -0.9110, 0.9276**.

A 20% lighter version of the original color is **36.6144, -16.9316, 9.0134**, and **7.3235, -6.2799, 4.4027** is the 20% darker color. If you saturate the color by 10%, you get **19.6641, -13.6542, 7.2455**, and if you desaturate by 10%, it is **20.1091, -11.6071, 5.8126**.

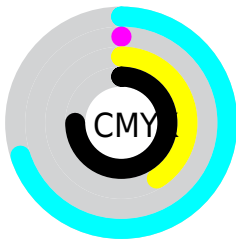
Distribution



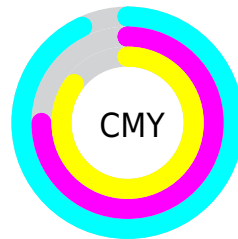
- Red (7%)
- Green (25%)
- Blue (15%)



- Red (7%)
- Yellow (20%)
- Blue (25%)



- Cyan (70%)
- Magenta (0%)
- Yellow (41%)
- Black (75%)



- Cyan (93%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8625, -12.7255, 6.5427 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 19.8625, -12.7255, 6.5427 by changing the saturation by 10% instead.

■ 19.8625, -12.7255,
6.5427

■ 19.8625, -12.7255,
6.5427

117.9416,
-29.5136, 17.5896

■ 12.8181, -10.3015,
5.1700

■ 36.7264, -16.9529,
9.1131

■ 6.2158, -10.8776,
4.3510

■ 46.3656, -18.8901,
10.3419

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.7259, -20.7552,
11.5541

0.0000, NaN, NaN

■ 67.7601, -22.5678,
12.7583

0.0000, NaN, NaN

■ 79.4295, -24.3412,
13.9605


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.7011, -26.0854,


15.1646


0.0000, NaN, NaN


 104.5466,
-27.8077, 16.3736


 19.8625, -12.7255,
6.5427


 19.8625, -12.7255,
6.5427


 19.6641, -13.6542,
7.2455


 20.1091, -11.6071,
5.8126


 19.5034, -14.4240,
7.9070

 20.4044, -10.3004,
5.0620

 19.3551, -15.1355,
8.4810

 20.7495, -8.8123,
4.2987

 21.1447, -7.1525,
3.5297

 21.5897, -5.3336,
2.7619

■ 22.0837, -3.3695,
2.0014

■ 22.6256, -1.2755,
1.2533

■ 23.2139, 0.9334,
0.5223

■ 23.8470, 3.2422,
-0.1882

Harmonies

Analogous

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



19.8629, -8.5686, 9.7160



19.8625, -12.7255, 6.5427



19.8629, -13.9284, 0.3445

Triad

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



19.8629, -12.7257, 6.5429



19.8629, -0.2951, -19.0933



19.8629, 13.1622, 7.3744

Complementary

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



19.8625, -12.7255, 6.5427



13.2109, 14.9972, -2.7395

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.



19.8629, 16.2439, 1.7907



19.8625, -12.7255, 6.5427



19.8629, 7.7597, -15.0111

Square

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



19.8629, -12.7257, 6.5429



19.8629, -7.4399, -16.2723



19.8629, 14.1298, -6.5752



19.8629, 6.2410, 10.0497

Rectangle

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



19.8625, -12.7255, 6.5427



19.8629, -13.0729, -5.3108



19.8629, 14.1298, -6.5752



19.8629, 14.7259, 5.8705

Sweetspot

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



19.8629, -12.7257, 6.5429



28.3417, -7.4310, 3.8032



20.6823, -9.9200, 10.8044



14.8418, -4.0400, 2.0537



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.



19.8629, -12.7257, 6.5429



25.7484, -18.7397, 10.2065



20.3330, -9.9107, -0.2118



12.1234, -1.6473, 1.0223



29.4795, -23.3473, 13.5532



73.7212, -59.2373, 35.7312

Inverse Universe

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



13.2109, 14.9972, -2.7395



15.6870, 23.6681, -3.2526



12.7148, 12.8387, 4.3404



11.6145, 0.4140, 0.2788



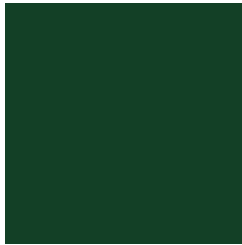
16.7967, 30.4640, -2.3173



41.8494, 75.4973, -2.6393

Previews

White Background



This preview shows how the HunterLab color 19.8625, -12.7255, 6.5427 looks on a white background.

Color Contrast Check

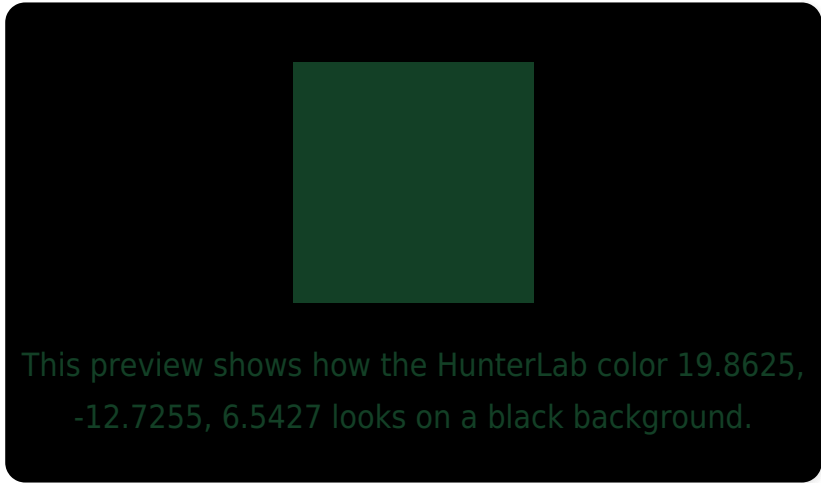
Large Text (above 18pt) WCAG AA ✓ Pass

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

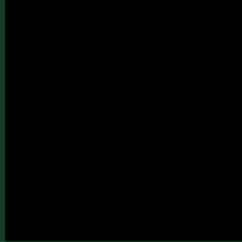
Any Text WCAG AA × Fail

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 19.8625, -12.7255, 6.5427 Background



This preview shows how black text looks on a background with the HunterLab color 19.8625, -12.7255, 6.5427.



This preview shows how white text looks on a background with the HunterLab color 19.8625,

-12.7255, 6.5427.

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

19.8625, -12.7255, 6.5427

Protanopia

19.8540, -2.0003, 7.4503

Deuteranopia

19.8741, 0.6880, 6.2695



Tritanopia

19.9801, -6.7448, -3.1014

Trichromacy



Original Color

19.8625, -12.7255, 6.5427

Protanomaly

19.5861, -6.8517, 6.8964

Deuteranomaly

19.5590, -5.5183, 6.1371

Tritanomaly

19.8430, -9.2017, 0.8870

Monochromacy



Original Color

19.8625, -12.7255, 6.5427

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.9262, -6.1114, 3.0579

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8625, -12.7255, 6.5427 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(19, 64, 38)` looks like.

```
.text, #text, p{  
    color:rgb(19, 64, 38)  
}
```

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(19, 64, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 64, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8625, -12.7255, 6.5427 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(19, 64, 38) }
```


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

```
.border{ border-color:rgb(19, 64, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 64, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 64, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 64, 38);  
box-shadow:4px 4px 4px 4px rgb(19, 64, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8625, -12.7255, 6.5427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 64, 38) }
```

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

```
.background{ background-color: rgb(19, 64,  
38) }
```

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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