

Converting Colors

HunterLab(19.5826, -13.7320,
7.5573)

Have a look what the booklet for
HunterLab(19.5826, -13.7320,
7.5573) contains.

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Color

**HunterLab(19.6524,
-13.7382, 7.5283)**

Conversions

Conversions Part 1

Format	Color
Hex	0D4021
RGB	13, 64, 33
RGB Percent	5%, 25%, 13%
CMY	0.9490, 0.7490, 0.8706
CMYK	0.80, 0.00, 0.48, 0.75
HSL	144°, 66%, 15%
HSV	144°, 80%, 25%
XYZ	2.2739, 3.8622, 2.0645
YIQ	45.2170, -20.4450, -20.4530

Conversions

Conversions Part 2

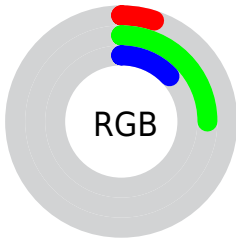
Format	Color
R_{YB}	13, 50, 64
Decimal	868385
CIE _{Lab}	23.21, -24.94, 14.27
CIE _{LCh}	23, 28.734, 150.215
Yxy	3.8623, 0.2773, 0.4710
Android (android.graphics.Color)	4279058465 (0xFF0D4021)
YUV	45.2170, -6.0230, -28.2543
Hunter-Lab	19.6524, -13.7382, 7.5283

Details

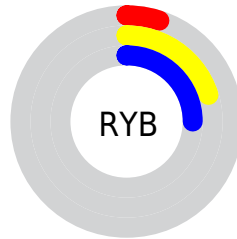
The HunterLab color **19.6524, -13.7382, 7.5283** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.4891, 16.9200, -3.3212**, and the grayscale version is **16.2951, -0.8695, 0.8853**.

A 20% lighter version of the original color is **36.3709, -18.0868, 10.3452**, and **6.8245, -5.8521, 4.1028** is the 20% darker color. If you saturate the color by 10%, you get **19.4905, -14.5165, 8.1980**, and if you desaturate by 10%, it is **19.8554, -12.7918, 6.8111**.

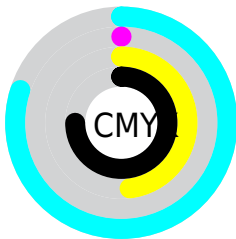
Distribution



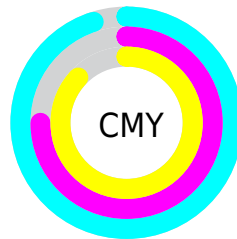
- Red (5%)
- Green (25%)
- Blue (13%)



- Red (5%)
- Yellow (20%)
- Blue (25%)



- Cyan (80%)
- Magenta (0%)
- Yellow (48%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6524, -13.7382, 7.5283 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 19.6524, -13.7382, 7.5283 by changing the saturation by 10% instead.

■ 19.6524, -13.7382,
7.5283

■ 19.6524, -13.7382,
7.5283

■ 117.5607,
-31.8899, 20.0720

■ 12.6367, -11.0777,
6.0561

■ 36.4684, -18.3704,
10.5436

■ 5.9622, -10.4338,
4.1735

■ 46.0867, -20.4769,
11.9587

0.0000, NaN, NaN

■ 56.4275, -22.4967,
13.3409

0.0000, NaN, NaN

■ 67.4435, -24.4522,
14.7022

0.0000, NaN, NaN

■ 79.0956, -26.3593,
16.0508

0.0000, NaN, NaN

■ 91.3508, -28.2292,

0.0000, NaN, NaN

17.3926

0.0000, NaN, NaN

■ 104.1807,
-30.0706, 18.7319

■ 19.6524, -13.7382,
7.5283

■ 19.6524, -13.7382,
7.5283

■ 19.4905, -14.5165,
8.1980

■ 19.8554, -12.7918,
6.8111

■ 19.3375, -15.2512,
8.7904

■ 20.1060, -11.6514,
6.0578

■ 19.3327, -15.2739,
8.8078

■ 20.4064, -10.3197,
5.2763

■ 20.7572, -8.8039,
4.4742

■ 21.1587, -7.1142,
3.6592

■ 21.6105, -5.2637,
2.8383

■ 22.1117, -3.2670,
2.0182

■ 22.6612, -1.1395,
1.2048

■ 23.2574, 1.1032,
0.4031

Harmonies

Analogous

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



19.6528, -8.8966, 10.5433



19.6524, -13.7382, 7.5283



19.6528, -15.3282, 1.0088

Triad

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



19.6528, -13.7384, 7.5284



19.6528, -0.9857, -22.9572



19.6528, 15.9105, 7.5938

Complementary

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



19.6524, -13.7382, 7.5283



12.4891, 16.9200, -3.3212

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.



19.6528, 19.0111, 1.1305



19.6524, -13.7382, 7.5283



19.6528, 8.2617, -18.6727

Square

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



19.6528, -13.7384, 7.5284



19.6528, -8.8039, -18.7865



19.6528, 15.9947, -8.7821



19.6528, 8.1313, 10.5676

Rectangle

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



19.6524, -13.7382, 7.5283



19.6528, -14.5975, -5.3815



19.6528, 15.9947, -8.7821



19.6528, 17.5900, 5.8790

Sweetspot

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



19.6528, -13.7384, 7.5284



28.1401, -8.2744, 4.3228



20.5950, -10.3489, 11.4130



14.7200, -4.5501, 2.3617



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.



19.6528, -13.7384, 7.5284



25.5094, -19.9535, 11.6655



20.1458, -10.7605, 0.4242



12.1212, -1.6594, 1.0534



29.4463, -23.5537, 14.0403



73.6418, -59.7323, 36.8991

Inverse Universe

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



12.4891, 16.9200, -3.3212



14.8896, 25.9315, -3.5302



11.9364, 14.6354, 4.5619



11.6168, 0.4265, 0.2457



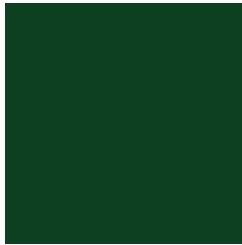
16.8838, 30.7782, -3.5402



42.0717, 76.3013, -5.7766

Previews

White Background



This preview shows how the HunterLab color 19.6524, -13.7382, 7.5283 looks on a white background.

Color Contrast Check

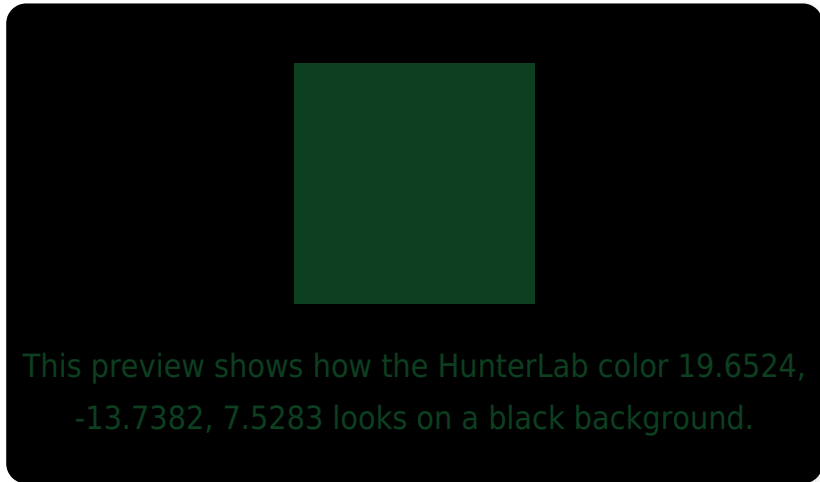
Large Text (above 18pt) WCAG AA ✓ Pass

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

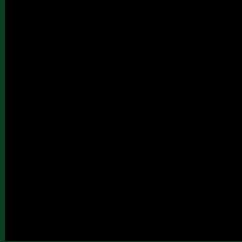
Any Text WCAG AA × Fail

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 19.6524, -13.7382, 7.5283 Background



This preview shows how black text looks on a background with the HunterLab color 19.6524, -13.7382, 7.5283.



This preview shows how white text looks on a background with the HunterLab color 19.6524, -13.7382, 7.5283.

-13.7382, 7.5283.

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

19.6524, -13.7382, 7.5283

Protanopia

19.5403, -1.9946, 8.2787

Deuteranopia

19.6644, 1.0460, 7.1030



Tritanopia

19.6122, -6.8168, -3.1531

Trichromacy



Original Color

19.6524, -13.7382, 7.5283

Protanomaly

19.1325, -7.3672, 7.6432

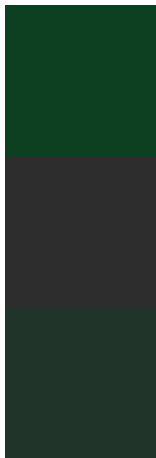
Deuteranomaly

19.1101, -5.9924, 6.7372

Tritanomaly

19.4039, -9.6504, 1.4960

Monochromacy



Original Color

19.6524, -13.7382, 7.5283

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.1447, -6.5211, 3.1956

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6524, -13.7382, 7.5283 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(13, 64, 33)` looks like.

```
.text, #text, p{  
    color:rgb(13, 64, 33)  
}
```

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(13, 64, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 64, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6524, -13.7382, 7.5283 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(13, 64, 33) }
```


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

```
.border{ border-color:rgb(13, 64, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 64, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 64, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 64, 33);  
box-shadow:4px 4px 4px 4px rgb(13, 64, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6524, -13.7382, 7.5283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 64, 33) }
```

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

```
.background{ background-color: rgb(13, 64,  
33) }
```

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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