

Converting Colors

HunterLab(19.7255, -13.1111,
7.6116)

Have a look what the booklet for
HunterLab(19.7255, -13.1111,
7.6116) contains.

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Color

**HunterLab(19.7865,
-13.1875, 7.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	134021
RGB	19, 64, 33
RGB Percent	7%, 25%, 13%
CMY	0.9255, 0.7490, 0.8706
CMYK	0.70, 0.00, 0.48, 0.75
HSL	139°, 54%, 16%
HSV	139°, 70%, 25%
XYZ	2.3765, 3.9151, 2.0693
YIQ	47.0110, -16.8690, -19.1810

Conversions

Conversions Part 2

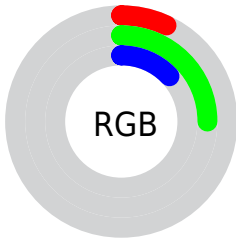
Format	Color
R_{YB}	19, 53, 64
Decimal	1261601
CIE _{Lab}	23.39, -23.57, 14.54
CIE _{LCh}	23, 27.695, 148.333
Y _{xy}	3.9152, 0.2842, 0.4683
Android (android.graphics.Color)	4279451681 (0xFF134021)
Y _{UV}	47.0110, -6.9074, -24.5656
Hunter-Lab	19.7865, -13.1875, 7.6500

Details

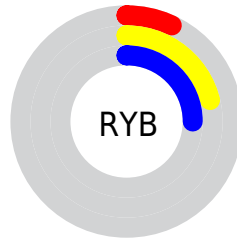
The HunterLab color **19.7865, -13.1875, 7.6500** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.3645, 15.6535, -4.8786**, and the grayscale version is **16.8902, -0.9012, 0.9177**.

A 20% lighter version of the original color is **36.5614, -17.3417, 10.5369**, and **7.0733, -6.0653, 4.2523** is the 20% darker color. If you saturate the color by 10%, you get **19.5863, -14.1316, 8.3824**, and if you desaturate by 10%, it is **20.0373, -12.0394, 6.8567**.

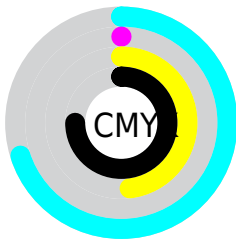
Distribution



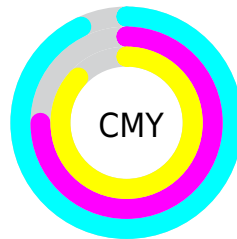
- Red (7%)
- Green (25%)
- Blue (13%)



- Red (7%)
- Yellow (21%)
- Blue (25%)



- Cyan (70%)
- Magenta (0%)
- Yellow (48%)
- Black (75%)



- Cyan (93%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7865, -13.1875, 7.6500 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 19.7865, -13.1875, 7.6500 by changing the saturation by 10% instead.

■ 19.7865, -13.1875,
7.6500

■ 19.7865, -13.1875,
7.6500

■ 117.8039,
-30.5780, 20.3338

■ 12.7524, -10.6512,
6.1490

■ 36.6331, -17.5932,
10.7053

■ 6.1254, -10.7194,
4.2877

■ 46.2648, -19.6051,
12.1377

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.6180, -21.5386,
13.5358

0.0000, NaN, NaN

■ 67.6457, -23.4143,
14.9120

0.0000, NaN, NaN

■ 79.3088, -25.2469,
16.2747

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.5745, -27.0468,

17.6298

0.0000, NaN, NaN

■ 104.4144,
-28.8219, 18.9817

■ 19.7865, -13.1875,
7.6500

■ 19.7865, -13.1875,
7.6500

■ 19.5863, -14.1316,
8.3824

■ 20.0373, -12.0394,
6.8567

■ 19.4260, -14.9024,
9.0413

■ 20.3389, -10.6891,
6.0096

■ 19.2799, -15.6031,
9.5844

■ 20.6928, -9.1444,
5.1171

■ 21.0990, -7.4163,
4.1877

■ 21.5571, -5.5187,
3.2299

■ 22.0662, -3.4673,
2.2519

■ 22.6250, -1.2786,
1.2613

■ 23.2320, 1.0307,
0.2649

■ 23.8852, 3.4444,
-0.7314

Harmonies

Analogous

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



19.7869, -8.2657, 10.4858



19.7865, -13.1875, 7.6500



19.7869, -14.9461, 1.5262

Triad

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



19.7869, -13.1878, 7.6501



19.7869, -1.5324, -21.7770



19.7869, 15.5789, 7.1511

Complementary

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



19.7865, -13.1875, 7.6500



13.3645, 15.6535, -4.8786

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.



19.7869, 18.1875, 0.6171



19.7865, -13.1875, 7.6500



19.7869, 7.3592, -18.2068

Square

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



19.7869, -13.1878, 7.6501



19.7869, -8.9638, -17.3748



19.7869, 14.9566, -9.0089



19.7869, 8.3272, 10.2955

Rectangle

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



19.7865, -13.1875, 7.6500



19.7869, -14.3612, -4.4961



19.7869, 14.9566, -9.0089



19.7869, 17.0768, 5.3891

Sweetspot

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



19.7869, -13.1878, 7.6501



28.2957, -7.6926, 4.4630



20.9878, -8.7368, 11.0391



14.8166, -4.1834, 2.4149



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.



19.7869, -13.1878, 7.6501



25.6460, -19.3711, 11.7052



20.2021, -10.6874, 1.6531



12.1154, -1.6919, 1.1370



29.3690, -24.0354, 15.1767



73.4618, -60.8560, 39.5498

Inverse Universe

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



13.3645, 15.6535, -4.8786



15.9410, 24.6578, -6.7813



12.8049, 13.2353, 3.0349



11.6231, 0.4603, 0.1564



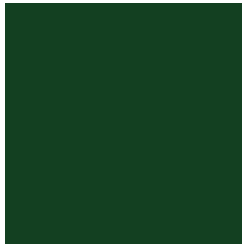
17.1411, 31.7016, -7.1163



42.7364, 78.6922, -15.0581

Previews

White Background



This preview shows how the HunterLab color 19.7865, -13.1875, 7.6500 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

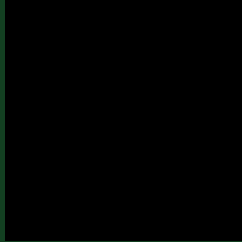
Any Text WCAG AA × Fail

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 19.7865, -13.1875, 7.6500 Background



This preview shows how black text looks on a background with the HunterLab color 19.7865, -13.1875, 7.6500.



This preview shows how white text looks on a background with the HunterLab color 19.7865,

-13.1875, 7.6500.

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

19.7865, -13.1875, 7.6500

Protanopia

19.7843, -2.3859, 8.4682

Deuteranopia

19.6644, 1.0460, 7.1030



Tritanopia

19.7215, -6.4055, -2.9947

Trichromacy



Original Color

19.7865, -13.1875, 7.6500

Protanomaly

19.5133, -7.2727, 7.9579

Deuteranomaly

19.3021, -5.2783, 6.9172

Tritanomaly

19.5298, -9.1582, 1.6486

Monochromacy



Original Color

19.7865, -13.1875, 7.6500

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.6258, -5.9933, 3.3876

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7865, -13.1875, 7.6500 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(19, 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(19, 64, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 64, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7865, -13.1875, 7.6500 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, 33) }
```


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

```
.border{ border-color:rgb(19, 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(19, 64, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 64, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 64, 33);  
box-shadow:4px 4px 4px 4px rgb(19, 64, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7865, -13.1875, 7.6500 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, 33) }
```

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

```
.background{ background-color: rgb(19, 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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