

Converting Colors

HunterLab(18.1210, -11.4845,
7.8428)

Have a look what the booklet for
HunterLab(18.1210, -11.4845,
7.8428) contains.

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Color

**HunterLab(18.1186,
-11.4834, 7.7656)**

Conversions

Conversions Part 1

Format	Color
Hex	173A1A
RGB	23, 58, 26
RGB Percent	9%, 23%, 10%
CMY	0.9098, 0.7725, 0.8980
CMYK	0.60, 0.00, 0.55, 0.77
HSL	125°, 43%, 16%
HSV	125°, 60%, 23%
XYZ	2.0528, 3.2828, 1.5027
YIQ	43.8870, -10.5880, -17.3720

Conversions

Conversions Part 2

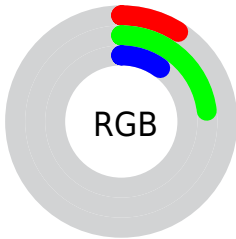
Format	Color
RYB	23, 55, 58
Decimal	1522202
CIELab	21.14, -20.85, 16.07
CIELCh	21, 26.325, 142.391
Yxy	3.2830, 0.3002, 0.4801
Android (android.graphics.Color)	4279712282 (0xFF173A1A)
YUV	43.8870, -8.8183, -18.3179
Hunter-Lab	18.1186, -11.4834, 7.7656

Details

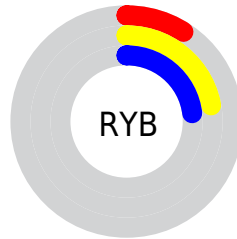
The HunterLab color **18.1186, -11.4834, 7.7656** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.3724, 13.1861, -7.5549**, and the grayscale version is **15.8641, -0.8465, 0.8619**.

A 20% lighter version of the original color is **34.7165, -15.5829, 11.2236**, and **4.1673, -3.5735, 2.5053** is the 20% darker color. If you saturate the color by 10%, you get **17.8893, -12.5432, 8.5008**, and if you desaturate by 10%, it is **18.3986, -10.2177, 6.9129**.

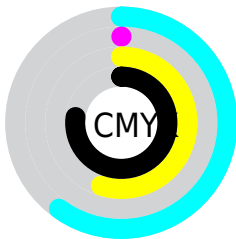
Distribution



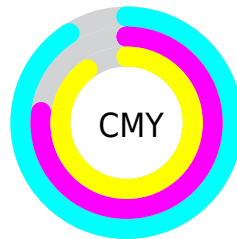
- Red (9%)
- Green (23%)
- Blue (10%)



- Red (9%)
- Yellow (22%)
- Blue (23%)



- Cyan (60%)
- Magenta (0%)
- Yellow (55%)
- Black (77%)



- Cyan (91%)
- Magenta (77%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1186, -11.4834, 7.7656 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 18.1186, -11.4834, 7.7656 by changing the saturation by 10% instead.

■ 18.1186, -11.4834,
7.7656

■ 18.1186, -11.4834,
7.7656

■ 114.7501,
-27.5193, 21.3690

■ 11.3190, -9.3459,
6.7708

■ 34.5749, -15.5207,
11.1173

■ 3.5577, -6.2259,
2.4904

■ 44.0369, -17.3674,
12.6664

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.2326, -19.1457,
14.1681

0.0000, NaN, NaN

■ 65.1124, -20.8751,
15.6378

0.0000, NaN, NaN

■ 76.6359, -22.5688,
17.0862

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.7688, -24.2364,

101.4820,
-25.8847, 19.9470

18.1186, -11.4834,
7.7656

18.1186, -11.4834,
7.7656

17.8893, -12.5432,
8.5008

18.3986, -10.2177,
6.9129

17.7081, -13.3938,
9.1141

18.7289, -8.7529,
5.9486

17.5627, -14.0817,
9.5972

19.1100, -7.1007,
4.8814

17.4274, -14.7207,
9.9952

19.5415, -5.2756,
3.7212

20.0223, -3.2939,
2.4784

■ 20.5510, -1.1731,
1.1642

■ 21.1261, 1.0696,
-0.2111

■ 21.7456, 3.4172,
-1.6372

■ 22.4075, 5.8540,
-3.1049

Harmonies

Analogous

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



18.1190, -6.3898, 9.9121



18.1186, -11.4834, 7.7656



18.1190, -13.6816, 2.7943

Triad

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



18.1190, -11.4837, 7.7657



18.1190, -2.9323, -19.9289



18.1190, 15.2926, 5.6656

Complementary

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



18.1186, -11.4834, 7.7656



13.3724, 13.1861, -7.5549

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.



18.1190, 16.6455, -1.0297



18.1186, -11.4834, 7.7656



18.1190, 5.1779, -18.0629

Square

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



18.1190, -11.4837, 7.7657



18.1190, -9.3244, -14.5664



18.1190, 12.6777, -10.2101



18.1190, 9.2461, 9.0963

Rectangle

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



18.1186, -11.4834, 7.7656



18.1190, -13.5272, -2.3901



18.1190, 12.6777, -10.2101



18.1190, 16.3490, 3.8166

Sweetspot

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



18.1190, -11.4837, 7.7657



25.7975, -6.5734, 4.6640



19.7553, -5.2247, 9.6488



13.3132, -3.5450, 2.5039



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.1190, -11.4837, 7.7657



23.4037, -17.1197, 11.6246



18.4008, -9.7907, 3.6728



10.5593, -1.5038, 1.1606



27.6350, -23.4742, 16.1327



71.3204, -60.9253, 42.3759

Inverse Universe

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



13.3724, 13.1861, -7.5549



16.0435, 21.5323, -12.2542



12.8438, 10.8022, -0.1999



10.1799, 0.4296, -0.0489



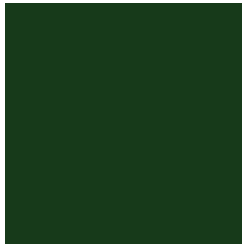
17.0412, 32.9332, -18.0548



43.9320, 84.7801, -45.6052

Previews

White Background



This preview shows how the HunterLab color 18.1186, -11.4834, 7.7656 looks on a white background.

Color Contrast Check

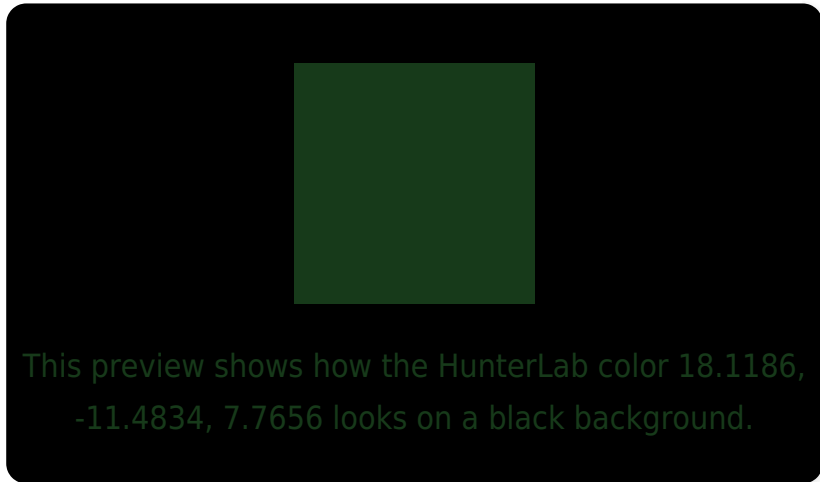
Large Text (above 18pt) WCAG AA ✓ Pass

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

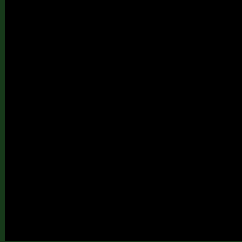
Any Text WCAG AA × Fail

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 18.1186, -11.4834, 7.7656 Background



This preview shows how black text looks on a background with the HunterLab color 18.1186, -11.4834, 7.7656.



This preview shows how white text looks on a background with the HunterLab color 18.1186,

-11.4834, 7.7656.

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

18.1186, -11.4834, 7.7656

Protanopia

18.0952, -2.2744, 8.2789

Deuteranopia

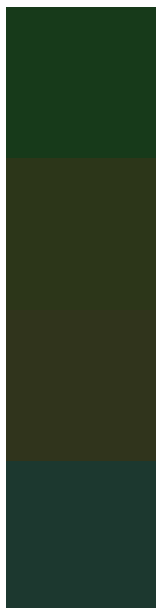
17.9631, 1.0121, 7.2499



Tritanopia

18.2742, -5.4045, -2.2587

Trichromacy



Original Color

18.1186, -11.4834, 7.7656

Protanomaly

18.0111, -6.4126, 7.9586

Deuteranomaly

17.7994, -4.5084, 7.2295

Tritanomaly

18.1120, -7.9827, 2.2173

Monochromacy



Original Color

18.1186, -11.4834, 7.7656

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.4477, -5.3441, 3.7321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1186, -11.4834, 7.7656 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, 58, 26)` looks like.

```
.text, #text, p{  
    color:rgb(23, 58, 26)  
}
```

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, 58, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 58, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1186, -11.4834, 7.7656 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, 58, 26) }
```


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

```
.border{ border-color:rgb(23, 58, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 58, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 58, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 58, 26);  
box-shadow:4px 4px 4px 4px rgb(23, 58, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1186, -11.4834, 7.7656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 58, 26) }
```

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

```
.background{ background-color: rgb(23, 58,  
26) }
```

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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