

Converting Colors

HunterLab(17.7864, -12.2194,
6.2377)

Have a look what the booklet for
HunterLab(17.7864, -12.2194,
6.2377) contains.

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Color

**HunterLab(17.8744,
-12.3166, 6.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	0A3A20
RGB	10, 58, 32
RGB Percent	4%, 23%, 13%
CMY	0.9608, 0.7725, 0.8745
CMYK	0.83, 0.00, 0.45, 0.77
HSL	147°, 71%, 13%
HSV	147°, 83%, 23%
XYZ	1.8990, 3.1949, 1.8831
YIQ	40.6840, -20.2620, -18.2620

Conversions

Conversions Part 2

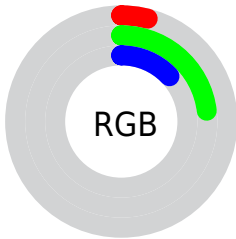
Format	Color
RYB	10, 43, 58
Decimal	670240
CIELab	20.81, -22.98, 11.74
CIELCh	21, 25.809, 152.939
Yxy	3.1951, 0.2722, 0.4579
Android (android.graphics.Color)	4278860320 (0xFF0A3A20)
YUV	40.6840, -4.2812, -26.9099
Hunter-Lab	17.8744, -12.3166, 6.2657

Details

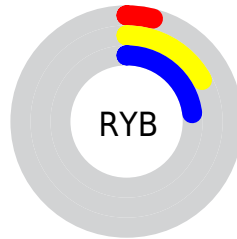
The HunterLab color **17.8744, -12.3166, 6.2657** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.1538, 15.2407, -1.7330**, and the grayscale version is **14.8069, -0.7901, 0.8045**.

A 20% lighter version of the original color is **34.3373, -16.8290, 9.0577**, and **3.6090, -3.0947, 2.1697** is the 20% darker color. If you saturate the color by 10%, you get **17.7239, -13.0324, 6.8352**, and if you desaturate by 10%, it is **18.0468, -11.5138, 5.6581**.

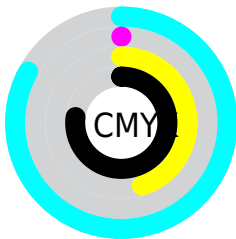
Distribution



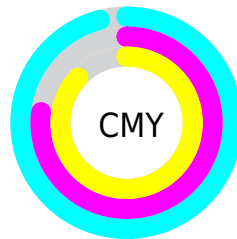
- Red (4%)
- Green (23%)
- Blue (13%)



- Red (4%)
- Yellow (17%)
- Blue (23%)



- Cyan (83%)
- Magenta (0%)
- Yellow (45%)
- Black (77%)



- Cyan (96%)
- Magenta (77%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8744, -12.3166, 6.2657 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 17.8744, -12.3166, 6.2657 by changing the saturation by 10% instead.

■ 17.8744, -12.3166,
6.2657

■ 17.8744, -12.3166,
6.2657

■ 114.2976,
-29.5520, 17.4823

■ 11.1104, -10.1847,
5.2050

■ 34.2717, -16.7143,
8.9065

■ 2.9923, -5.2365,
2.0946

■ 43.7082, -18.7103,
10.1581

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.8802, -20.6244,
11.3887

0.0000, NaN, NaN

■ 64.7379, -22.4790,
12.6082

0.0000, NaN, NaN

■ 76.2404, -24.2894,
13.8233


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.3534, -26.0666,


15.0386


0.0000, NaN, NaN


 101.0477,
-27.8188, 16.2575


 17.8744, -12.3166,
6.2657


 17.8744, -12.3166,
6.2657


 17.7239, -13.0324,
6.8352


 18.0468, -11.5138,
5.6581

 17.6167, -13.5414,
7.2128

 18.2595, -10.5479,
5.0341

 18.5145, -9.4205,
4.4000

 18.8124, -8.1363,
3.7621

 19.1536, -6.7032,
3.1260

■ 19.5381, -5.1310,
2.4972

■ 19.9651, -3.4313,
1.8805

■ 20.4338, -1.6165,
1.2799

■ 20.9430, 0.3007,
0.6989

Harmonies

Analogous

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



17.8748, -8.3109, 9.2143



17.8744, -12.3166, 6.2657



17.8748, -13.4635, 0.2361

Triad

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



17.8748, -12.3168, 6.2658



17.8748, -0.1897, -19.5697



17.8748, 13.2383, 7.0599

Complementary

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



17.8744, -12.3166, 6.2657



11.1538, 15.2407, -1.7330

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.



17.8748, 16.3561, 1.6798



17.8744, -12.3166, 6.2657



17.8748, 7.8250, -15.3333

Square

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



17.8748, -12.3168, 6.2658



17.8748, -7.2016, -16.6521



17.8748, 14.2256, -6.6898



17.8748, 6.2887, 9.5222

Rectangle

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



17.8744, -12.3166, 6.2657



17.8748, -12.6439, -5.4295



17.8748, 14.2256, -6.6898



17.8748, 14.8178, 5.6361

Sweetspot

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



17.8748, -12.3168, 6.2658



25.5225, -7.4897, 3.5716



18.5216, -10.1547, 10.3158



13.1784, -3.9858, 1.8917



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.



17.8748, -12.3168, 6.2658



23.1672, -17.8972, 9.7971



18.3641, -9.3690, -0.7630



10.5814, -1.3808, 0.8442



27.9059, -21.7839, 12.1452



71.9373, -57.0707, 33.2839

Inverse Universe

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



11.1538, 15.2407, -1.7330



13.1883, 23.5178, -1.2202



10.6968, 13.3599, 4.8252



10.1558, 0.3001, 0.2928



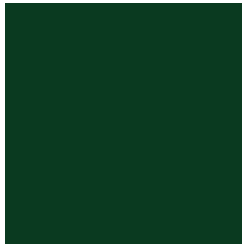
15.7891, 28.4828, -0.9873



40.5382, 72.6958, 0.8238

Previews

White Background



This preview shows how the HunterLab color 17.8744, -12.3166, 6.2657 looks on a white background.

Color Contrast Check

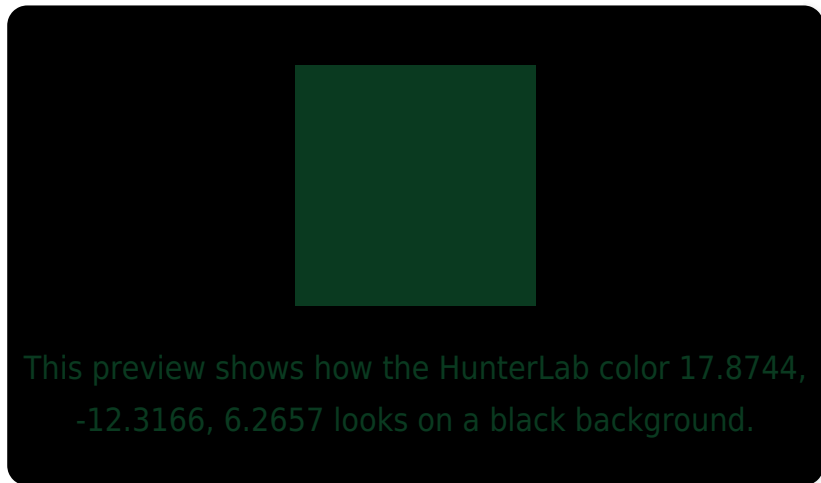
Large Text (above 18pt) WCAG AA ✓ Pass

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

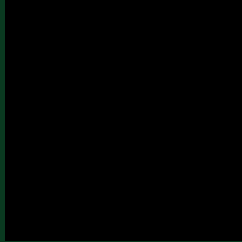
Any Text WCAG AA × Fail

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 17.8744, -12.3166, 6.2657 Background



This preview shows how black text looks on a background with the HunterLab color 17.8744, -12.3166, 6.2657.



This preview shows how white text looks on a background with the HunterLab color 17.8744,

-12.3166, 6.2657.

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

17.8744, -12.3166, 6.2657

Protanopia

17.8385, -1.8194, 7.0967

Deuteranopia

17.8607, 0.8161, 5.9962



Tritanopia

17.9730, -6.5350, -2.6890

Trichromacy



Original Color

17.8744, -12.3166, 6.2657

Protanomaly

17.5251, -6.7928, 6.5244

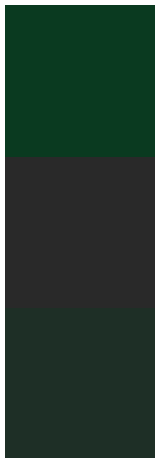
Deuteranomaly

17.4872, -5.5194, 5.8006

Tritanomaly

17.8289, -8.9943, 1.1656

Monochromacy



Original Color

17.8744, -12.3166, 6.2657

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.6493, -5.6938, 2.5959

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8744, -12.3166, 6.2657 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(10, 58, 32)` looks like.

```
.text, #text, p{  
    color:rgb(10, 58, 32)  
}
```

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(10, 58, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 58, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8744, -12.3166, 6.2657 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(10, 58, 32) }
```


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

```
.border{ border-color:rgb(10, 58, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 58, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 58, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 58, 32);  
box-shadow:4px 4px 4px 4px rgb(10, 58, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8744, -12.3166, 6.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 58, 32) }
```

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

```
.background{ background-color: rgb(10, 58,  
32) }
```

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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