

Converting Colors

HunterLab(17.6588, -14.6327,
9.6356)

Have a look what the booklet for
HunterLab(17.6588, -14.6327,
9.6356) contains.

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Color

**HunterLab(17.7660,
-14.7006, 9.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	013B0A
RGB	1, 59, 10
RGB Percent	0%, 23%, 4%
CMY	0.9961, 0.7686, 0.9608
CMYK	0.98, 0.00, 0.83, 0.77
HSL	129°, 97%, 12%
HSV	129°, 98%, 23%
XYZ	1.6313, 3.1563, 0.8104
YIQ	36.0720, -18.8390, -27.5350

Conversions

Conversions Part 2

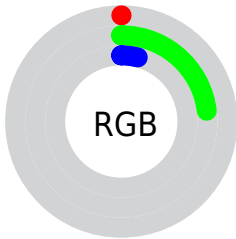
Format	Color
R_{YB}	1, 51, 59
Decimal	80650
CIE Lab	20.66, -29.04, 24.03
CIE LCh	21, 37.692, 140.397
Yxy	3.1564, 0.2914, 0.5638
Android (android.graphics.Color)	4278270730 (0xFF013B0A)
YUV	36.0720, -12.8535, -30.7581
Hunter-Lab	17.7660, -14.7006, 9.7316

Details

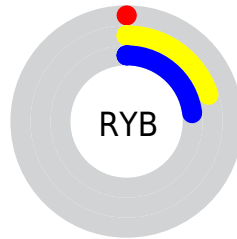
The HunterLab color **17.7660, -14.7006, 9.7316** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.8713, 20.2222, -9.4044**, and the grayscale version is **13.3496, -0.7123, 0.7253**.

A 20% lighter version of the original color is **34.1057, -20.0228, 14.3818**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.7430, -14.8108, 9.7952**, and if you desaturate by 10%, it is **17.9082, -14.0305, 9.2947**.

Distribution



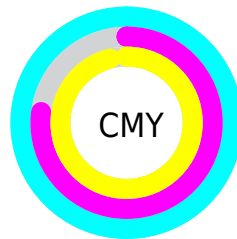
- Red (0%)
- Green (23%)
- Blue (4%)



- Red (0%)
- Yellow (20%)
- Blue (23%)



- Cyan (98%)
- Magenta (0%)
- Yellow (83%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7660, -14.7006, 9.7316 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 17.7660, -14.7006, 9.7316 by changing the saturation by 10% instead.

■ 17.7660, -14.7006,
9.7316

■ 17.7660, -14.7006,
9.7316

■ 114.0962,
-35.3710, 27.9463

■ 11.0179, -12.5950,
7.7125

■ 34.1370, -20.1248,
14.4477

■ 2.7027, -4.7298,
1.8919

■ 43.5621, -22.5481,
16.5786

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7236, -24.8516,
18.6088

0.0000, NaN, NaN

■ 64.5713, -27.0656,
20.5646

0.0000, NaN, NaN

■ 76.0645, -29.2113,
22.4645

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.1687, -31.3037,


24.3219


0.0000, NaN, NaN


 100.8544,
-33.3541, 26.1466


 17.7660, -14.7006,
9.7316


 17.7660, -14.7006,
9.7316


 17.7430, -14.8108,
9.7952

 17.9082, -14.0305,
9.2947

 18.0625, -13.2963,
8.7292

 18.2579, -12.3808,
8.0553

 18.5017, -11.2615,
7.2802

 18.7952, -9.9423,
6.4100

■ 19.1389, -8.4315,
5.4519

■ 19.5328, -6.7411,
4.4150

■ 19.9764, -4.8857,
3.3087

■ 20.4687, -2.8814,
2.1428

Harmonies

Analogous

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



17.7664, -7.8589, 12.3685



17.7660, -14.7006, 9.7316



17.7664, -17.6067, 4.0608

Triad

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



17.7664, -14.7008, 9.7317



17.7664, -4.4059, -33.4913



17.7664, 24.1256, 6.7350

Complementary

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



17.7660, -14.7006, 9.7316



10.8713, 20.2222, -9.4044

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.



17.7664, 25.7128, -2.8077



17.7660, -14.7006, 9.7316



17.7664, 7.2110, -31.0179

Square

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



17.7664, -14.7008, 9.7317



17.7664, -12.7141, -23.2186



17.7664, 18.9117, -17.7153



17.7664, 14.9979, 10.9014

Rectangle

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



17.7660, -14.7006, 9.7316



17.7664, -17.5763, -3.1487



17.7664, 18.9117, -17.7153



17.7664, 25.6337, 4.2858

Sweetspot

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



17.7664, -14.7008, 9.7317



25.1676, -9.1848, 5.9930



19.5347, -7.6885, 11.8154



12.9848, -4.9104, 3.1971



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.



17.7664, -14.7008, 9.7317



22.9440, -19.2663, 12.9124



18.1081, -12.5871, 4.7377



11.3294, -1.6166, 1.1986



28.4627, -23.9869, 16.2048



72.3055, -61.4194, 42.2112

Inverse Universe

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



10.8713, 20.2222, -9.4044



13.9083, 26.5314, -12.0437



10.0341, 17.1782, 2.2047



10.9012, 0.4651, -0.0007



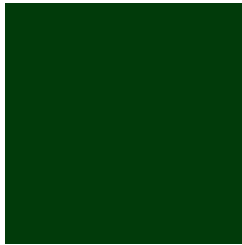
17.2427, 32.8624, -14.7017



43.7170, 83.1145, -35.6872

Previews

White Background



This preview shows how the HunterLab color 17.7660, -14.7006, 9.7316 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

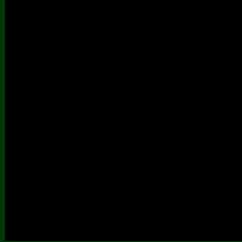
Any Text WCAG AA × Fail

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 17.7660, -14.7006, 9.7316 Background



This preview shows how black text looks on a background with the HunterLab color 17.7660, -14.7006, 9.7316.



This preview shows how white text looks on a background with the HunterLab color 17.7660,

-14.7006, 9.7316.

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

17.7660, -14.7006, 9.7316

Protanopia

18.0417, -2.7328, 10.3144

Deuteranopia

17.9111, 0.5502, 9.4237



Tritanopia

18.0411, -6.2777, -2.5910

Trichromacy



Original Color

17.7660, -14.7006, 9.7316

Protanomaly

17.4682, -8.7892, 9.7327

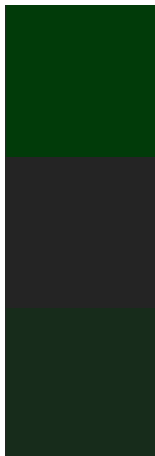
Deuteranomaly

17.1429, -7.2768, 8.9991

Tritanomaly

17.6028, -10.2392, 3.6016

Monochromacy



Original Color

17.7660, -14.7006, 9.7316

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

14.3619, -7.0887, 4.4450

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7660, -14.7006, 9.7316 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(1, 59, 10)` looks like.

```
.text, #text, p{  
    color:rgb(1, 59, 10)  
}
```

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(1, 59, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 59, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7660, -14.7006, 9.7316 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(1, 59, 10) }
```


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

```
.border{ border-color:rgb(1, 59, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 59, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 59, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 59, 10); box-shadow:4px  
4px 4px 4px rgb(1, 59, 10) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7660, -14.7006, 9.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 59, 10) }
```

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

```
.background{ background-color: rgb(1, 59,  
10) }
```

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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