

Converting Colors

HunterLab(17.8438, 2.2495,
-14.8313)

Have a look what the booklet for
HunterLab(17.8438, 2.2495,
-14.8313) contains.

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Color

**HunterLab(17.8438, 2.2495,
-14.8313)**

Conversions

Conversions Part 1

Format	Color
Hex	253151
RGB	37, 49, 81
RGB Percent	15%, 19%, 32%
CMY	0.8549, 0.8078, 0.6824
CMYK	0.54, 0.40, 0.00, 0.68
HSL	224°, 37%, 23%
HSV	224°, 54%, 32%
XYZ	3.3465, 3.1840, 8.2228
YIQ	49.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

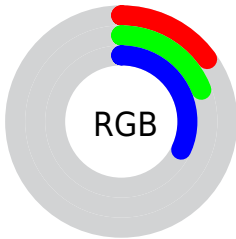
Format	Color
R_{YB}	37, 46, 81
Decimal	2437457
CIE _{Lab}	20.77, 5.40, -21.15
CIE _{LCh}	21, 21.826, 284.330
Yxy	3.1841, 0.2268, 0.2158
Android (android.graphics.Color)	4280627537 (0xFF253151)
YUV	49.0600, 15.7464, -10.5766
Hunter-Lab	17.8438, 2.2495, -14.8313

Details

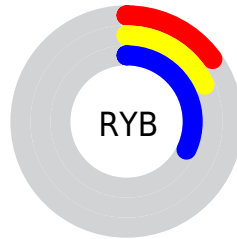
The HunterLab color **17.8438, 2.2495, -14.8313** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.7777, -1.1773, 11.0587**, and the grayscale version is **17.4989, -0.9337, 0.9507**.

A 20% lighter version of the original color is **34.2847, 2.1415, -15.9701**, and **3.8611, 8.4662, -23.1021** is the 20% darker color. If you saturate the color by 10%, you get **16.0923, 3.5293, -18.7037**, and if you desaturate by 10%, it is **19.6886, 1.2017, -11.2895**.

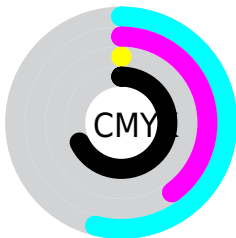
Distribution



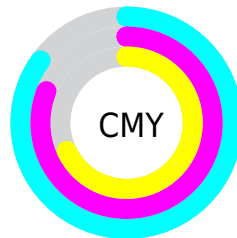
- Red (15%)
- Green (19%)
- Blue (32%)



- Red (15%)
- Yellow (18%)
- Blue (32%)



- Cyan (54%)
- Magenta (40%)
- Yellow (0%)
- Black (68%)



- Cyan (85%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8438, 2.2495, -14.8313 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 17.8438, 2.2495, -14.8313 by changing the saturation by 10% instead.

■ 17.8438, 2.2495,
-14.8313

■ 17.8438, 2.2495,
-14.8313

■ 114.2407, -0.2961,
-17.3264

■ 11.0842, 2.1751,
-14.4292

■ 34.2337, 2.1040,
-15.7797

■ 2.9134, 7.9241,
-32.6978

■ 43.6670, 1.9185,
-16.1874

0.0000, NaN, -NF

■ 53.8359, 1.6715,
-16.5314

0.0000, NaN, NaN

■ 64.6908, 1.3698,
-16.8105

0.0000, NaN, NaN

■ 76.1907, 1.0184,
-17.0266

0.0000, NaN, NaN

■ 88.3012, 0.6216,

0.0000, NaN, NaN

-17.1825

0.0000, NaN, NaN

100.9931, 0.1825,
-17.2815

17.8438, 2.2495,
-14.8313

17.8438, 2.2495,
-14.8313

16.0923, 3.5293,
-18.7037

19.6886, 1.2017,
-11.2895

14.4504, 5.0828,
-22.9470

21.6120, 0.3469,
-8.0329

12.9406, 6.9476,
-27.5715

23.6039, -0.3483,
-5.0155

11.5666, 9.0778,
-32.6176

25.6557, -0.9112,
-2.1972

10.8229, 10.3157,
-35.7963

27.7608, -1.3643,
0.4562

■ 29.9138, -1.7253,
2.9731

■ 32.1101, -2.0087,
5.3769

■ 34.3462, -2.2263,
7.6868

■ 36.6190, -2.3875,
9.9185

Harmonies

Analogous

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



17.8441, -4.2074, -14.7030



17.8438, 2.2495, -14.8313



17.8441, 8.6558, -9.8087

Triad

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



17.8441, 2.2496, -14.8309



17.8441, 8.9049, 7.4460



17.8441, -11.4701, 3.8955

Complementary

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



17.8438, 2.2495, -14.8313



24.7777, -1.1773, 11.0587

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.



17.8441, -8.8796, 7.5586



17.8438, 2.2495, -14.8313



17.8441, 2.5526, 9.0496

Square

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



17.8441, 2.2496, -14.8309



17.8441, 12.8552, 3.6725



17.8441, -3.9446, 9.0817



17.8441, -11.5270, -2.2318

Rectangle

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



17.8438, 2.2495, -14.8313



17.8441, 11.7781, -4.9901



17.8441, -3.9446, 9.0817



17.8441, -10.8854, 5.3952

Sweetspot

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



17.8441, 2.2496, -14.8309



32.8599, -1.0381, -3.6660



25.8885, -12.4489, 3.0131



16.5820, -0.4890, -2.0724



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



17.8441, 2.2496, -14.8309



20.3490, 5.1549, -25.9583



15.8451, 9.4217, -19.2003



13.8651, -0.6082, -0.3597



13.6591, 14.7033, -48.8128



30.6847, 41.5056, -127.9519

Inverse Universe

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



18.1503, 13.5680, 1.9295



21.3332, 22.1961, 3.4447



27.1584, -8.6879, 12.7614



13.8273, 0.4141, 0.7254



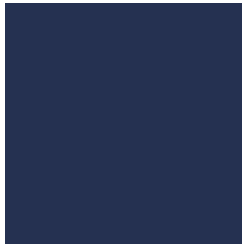
17.4997, 30.4620, 7.4846



41.8643, 72.5588, 20.3479

Previews

White Background



This preview shows how the HunterLab color 17.8438, 2.2495, -14.8313 looks on a white background.

Color Contrast Check

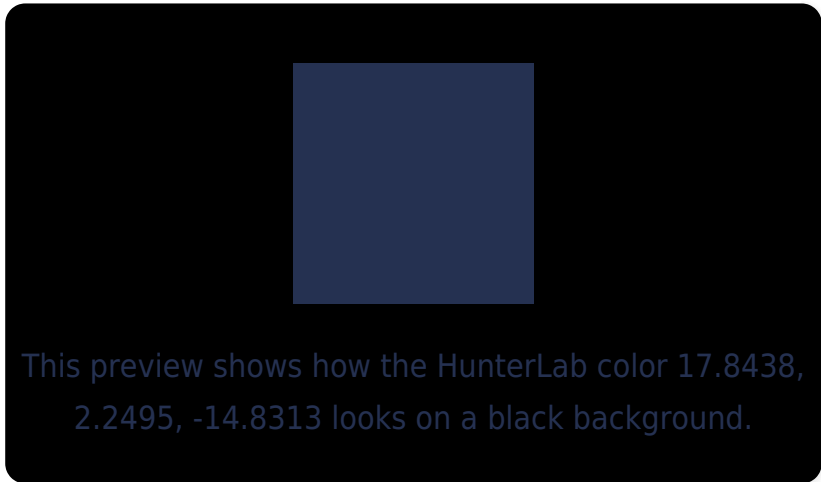
Large Text (above 18pt) WCAG AA ✓ Pass

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

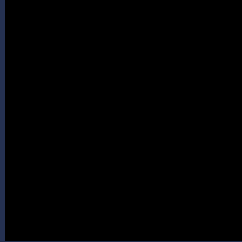
Any Text WCAG AA × Fail

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 17.8438, 2.2495, -14.8313 Background



This preview shows how black text looks on a background with the HunterLab color 17.8438, 2.2495, -14.8313.



This preview shows how white text looks on a background with the HunterLab color 17.8438, 2.2495, -14.8313.

-14.8313.

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

17.8438, 2.2495, -14.8313

Protanopia

17.8438, 2.2495, -14.8313

Deuteranopia

17.8392, 1.0157, -14.8625



Tritanopia

17.9026, -5.5098, -2.3221

Trichromacy



Original Color

17.8438, 2.2495, -14.8313

Protanomaly

17.8438, 2.2495, -14.8313

Deuteranomaly

17.9314, 1.3257, -14.6671

Tritanomaly

17.7663, -2.8885, -6.3040

Monochromacy



Original Color

17.8438, 2.2495, -14.8313

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.5825, -0.0814, -4.0546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8438, 2.2495, -14.8313 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(37, 49, 81)` looks like.

```
.text, #text, p{  
    color:rgb(37, 49, 81)  
}
```

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(37, 49, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 49, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8438, 2.2495, -14.8313 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(37, 49, 81) }
```


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

```
.border{ border-color:rgb(37, 49, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 49, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 49, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 49, 81);  
box-shadow:4px 4px 4px 4px rgb(37, 49, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8438, 2.2495, -14.8313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 49, 81) }
```

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

```
.background{ background-color: rgb(37, 49,  
81) }
```

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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