

Converting Colors

HunterLab(17.2245, 3.2948,
-12.6706)

Have a look what the booklet for
HunterLab(17.2245, 3.2948,
-12.6706) contains.

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Color

**HunterLab(17.2280, 3.3830,
-12.8561)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2E4C
RGB	42, 46, 76
RGB Percent	16%, 18%, 30%
CMY	0.8353, 0.8196, 0.7020
CMYK	0.45, 0.39, 0.00, 0.70
HSL	233°, 29%, 23%
HSV	233°, 45%, 30%
XYZ	3.2364, 2.9680, 7.2398
YIQ	48.2240, -12.0140, 8.4820

Conversions

Conversions Part 2

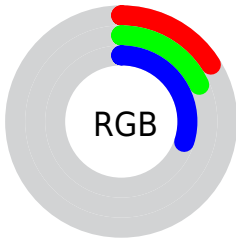
Format	Color
RYB	42, 46, 76
Decimal	2764364
CIELab	19.92, 7.25, -19.10
CIELCh	20, 20.432, 290.790
Yxy	2.9681, 0.2407, 0.2208
Android (android.graphics.Color)	4280954444 (0xFF2A2E4C)
YUV	48.2240, 13.6936, -5.4584
Hunter-Lab	17.2280, 3.3830, -12.8561

Details

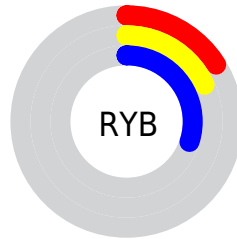
The HunterLab color **17.2280, 3.3830, -12.8561** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **25.1765, -3.5334, 10.2929**, and the grayscale version is **17.2257, -0.9191, 0.9359**.

A 20% lighter version of the original color is **33.5541, 3.2482, -13.5505**, and **3.2293, 8.7595, -22.9456** is the 20% darker color. If you saturate the color by 10%, you get **15.2946, 4.8947, -16.9959**, and if you desaturate by 10%, it is **19.2598, 2.0711, -9.1448**.

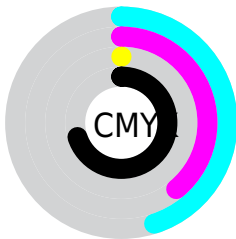
Distribution



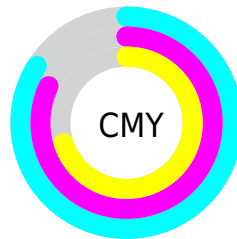
- Red (16%)
- Green (18%)
- Blue (30%)



- Red (16%)
- Yellow (18%)
- Blue (30%)



- Cyan (45%)
- Magenta (39%)
- Yellow (0%)
- Black (70%)



- Cyan (84%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2280, 3.3830, -12.8561 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 17.2280, 3.3830, -12.8561 by changing the saturation by 10% instead.

■ 17.2280, 3.3830,
-12.8561

■ 17.2280, 3.3830,
-12.8561

■ 113.0925, 1.7541,
-14.8605

■ 10.5600, 3.1567,
-12.4380

■ 33.4669, 3.4936,
-13.7328

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.8349, 3.4202,
-14.0863

0.0000, NaN, NaN

■ 52.9434, 3.2776,
-14.3715

0.0000, NaN, NaN

■ 63.7416, 3.0739,
-14.5898

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1880, 2.8153,
-14.7443

0.0000, NaN, NaN

■ 87.2478, 2.5067,

0.0000, NaN, NaN

-14.8386

99.8912, 2.1518,
-14.8762

17.2280, 3.3830,
-12.8561

17.2280, 3.3830,
-12.8561

15.2946, 4.8947,
-16.9959

19.2598, 2.0711,
-9.1448

13.4802, 6.6509,
-21.6507

21.3733, 0.9193,
-5.7813

11.8148, 8.6917,
-26.8802

23.5568, -0.1050,
-2.6956

10.3387, 11.0252,
-32.6481

25.8014, -1.0273,
0.1685

9.0672, 13.5018,
-38.8870

28.1003, -1.8678,
2.8557

■ 8.4610, 14.7617,
-42.4417

■ 30.4477, -2.6421,
5.4009

■ 32.8394, -3.3624,
7.8317

■ 35.2716, -4.0384,
10.1699

■ 37.7413, -4.6776,
12.4326

Harmonies

Analogous

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



17.2283, -2.7337, -13.8529



17.2280, 3.3830, -12.8561



17.2283, 8.9952, -7.5743

Triad

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



17.2283, 3.3830, -12.8557



17.2283, 7.0232, 7.4730



17.2283, -10.9203, 2.6084

Complementary

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



17.2280, 3.3830, -12.8561



25.1765, -3.5334, 10.2929

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.



17.2283, -9.0016, 6.5466



17.2280, 3.3830, -12.8561



17.2283, 0.9716, 8.6498

Square

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



17.2283, 3.3830, -12.8557



17.2283, 11.2891, 4.4056



17.2283, -4.8385, 8.3817



17.2283, -10.4596, -3.4452

Rectangle

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



17.2280, 3.3830, -12.8561



17.2283, 11.4270, -3.0921



17.2283, -4.8385, 8.3817



17.2283, -10.5433, 4.1811

Sweetspot

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



17.2283, 3.3830, -12.8557



31.4629, -0.2962, -3.0757



24.7430, -9.4531, 0.6074



15.9237, -0.0625, -1.8505



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



17.2283, 3.3830, -12.8557



19.8650, 6.7492, -23.2106



17.2486, 7.8888, -12.7367



12.9755, -0.3518, -0.4867



11.0554, 21.4979, -60.2261



25.4339, 57.9889, -156.9715

Inverse Universe

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



18.4115, 9.4851, 3.1871



22.0474, 16.3363, 5.1143



25.3191, -8.4477, 10.3237



13.0612, 0.2986, 0.8795



16.8859, 29.0747, 9.6929



41.0116, 70.4265, 25.0053

Previews

White Background



This preview shows how the HunterLab color 17.2280, 3.3830, -12.8561 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



This preview shows how the HunterLab color 17.2280, 3.3830, -12.8561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

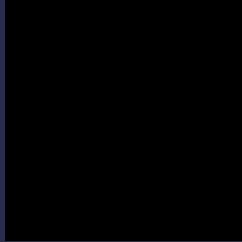
Any Text WCAG AA × Fail

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 17.2280, 3.3830, -12.8561 Background



This preview shows how black text looks on a background with the HunterLab color 17.2280, 3.3830, -12.8561.



This preview shows how white text looks on a background with the HunterLab color 17.2280, 3.3830,

-12.8561.

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

17.2280, 3.3830, -12.8561

Protanopia

17.2109, 2.2291, -13.5429

Deuteranopia

17.2019, 0.9094, -12.9512



Tritanopia

17.3740, -3.6822, -1.6932

Trichromacy



Original Color

17.2280, 3.3830, -12.8561

Protanomaly

17.3210, 2.5909, -13.3150

Deuteranomaly

17.1170, 1.8367, -13.1042

Tritanomaly

17.2267, -1.1869, -5.5911

Monochromacy



Original Color

17.2280, 3.3830, -12.8561

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0861, 0.4684, -3.3540

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2280, 3.3830, -12.8561 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(42, 46, 76)` looks like.

```
.text, #text, p{  
    color:rgb(42, 46, 76)  
}
```

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(42, 46, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 46, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2280, 3.3830, -12.8561 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(42, 46, 76) }
```


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

```
.border{ border-color:rgb(42, 46, 76) }
```

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

Here you see how a box with a 4 pixel rgb(42, 46, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 46, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 46, 76);  
box-shadow:4px 4px 4px 4px rgb(42, 46, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.2280, 3.3830, -12.8561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 46, 76) }
```

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

```
.background{ background-color: rgb(42, 46,  
76) }
```

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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