

Converting Colors

HunterLab(42.9170, -17.1278,
20.3756)

Have a look what the booklet for
HunterLab(42.9170, -17.1278,
20.3756) contains.

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Color

**HunterLab(42.8010,
-17.1064, 20.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	667F3B
RGB	102, 127, 59
RGB Percent	40%, 50%, 23%
CMY	0.6000, 0.5019, 0.7686
CMYK	0.20, 0.00, 0.54, 0.50
HSL	82°, 37%, 36%
HSV	82°, 54%, 50%
XYZ	13.8583, 18.3193, 6.9432
YIQ	111.7730, 6.9280, -26.4480

Conversions

Conversions Part 2

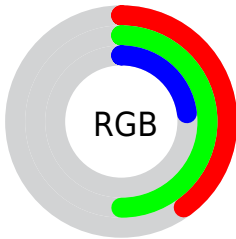
Format	Color
RYB	59, 127, 84
Decimal	6717243
CIELab	49.88, -20.81, 33.69
CIELCh	50, 39.593, 121.704
Yxy	18.3201, 0.3542, 0.4683
Android (android.graphics.Color)	4284907323 (0xFF667F3B)
YUV	111.7730, -26.0171, -8.5709
Hunter-Lab	42.8010, -17.1064, 20.3426

Details

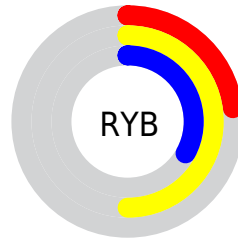
The HunterLab color $42.8010, -17.1064, 20.3426$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $25.5843, 18.3801, -30.4468$, and the grayscale version is $40.2613, -2.1482, 2.1875$.

A 20% lighter version of the original color is $63.7144, -20.8571, 25.6932$, and $24.9596, -13.2638, 14.3957$ is the 20% darker color. If you saturate the color by 10%, you get $42.3541, -19.1045, 22.1018$, and if you desaturate by 10%, it is $43.3000, -14.8725, 18.0955$.

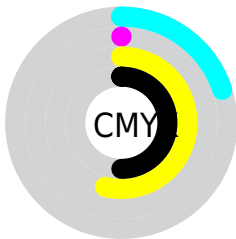
Distribution



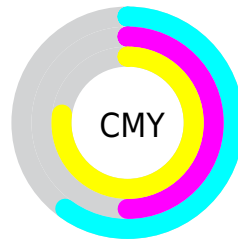
- Red (40%)
- Green (50%)
- Blue (23%)



- Red (23%)
- Yellow (50%)
- Blue (33%)



- Cyan (20%)
- Magenta (0%)
- Yellow (54%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8010, -17.1064, 20.3426 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 42.8010, -17.1064, 20.3426 by changing the saturation by 10% instead.

■ 42.8010, -17.1064,
20.3426

■ 42.8010, -17.1064,
20.3426

155.7784,
-32.1213, 41.7510

■ 33.4365, -15.2537,
17.4672

■ 63.7040, -20.6223,
25.6336

■ 24.8758, -13.2973,
14.3731

■ 75.1483, -22.3173,
28.1140

■ 17.2040, -11.1854,
11.8996

■ 87.2060, -23.9853,
30.5141

■ 10.5393, -9.4356,
7.3775

■ 99.8475, -25.6334,
32.8496

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 113.0469,
-27.2673, 35.1324

0.0000, NaN, NaN

■ 126.7816,

0.0000, NaN, NaN

-28.8911, 37.3722

0.0000, NaN, NaN

141.0314,
-30.5082, 39.5763

■ 42.8010, -17.1064,
20.3426

■ 42.8010, -17.1064,
20.3426

■ 42.3541, -19.1045,
22.1018

■ 43.3000, -14.8725,
18.0955

■ 41.9550, -20.8660,
23.3908

■ 43.8492, -12.4010,
15.3494

■ 41.6023, -22.3986,
24.2388

■ 44.4501, -9.6973,
12.1017

■ 41.2930, -23.7165,
24.6912

■ 45.1030, -6.7682,
8.3556

■ 41.1076, -24.5038,
24.9013

■ 45.8077, -3.6227,
4.1193

■ 46.5637, -0.2708,
-0.5946

■ 47.3705, 3.2758,
-5.7700

■ 48.2272, 7.0052,
-11.3883

■ 49.1327, 10.9049,
-17.4288

Harmonies

Analogous

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



42.8019, -3.1854, 22.3172



42.8010, -17.1064, 20.3426



42.8019, -25.8818, 13.8881

Triad

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



42.8019, -17.1075, 20.3429



42.8019, -15.7537, -31.7188



42.8019, 32.5024, 3.1800

Complementary

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



42.8010, -17.1064, 20.3426



25.5843, 18.3801, -30.4468

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.



42.8019, 27.8763, -13.7546



42.8010, -17.1064, 20.3426



42.8019, -1.3793, -37.7827

Square

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



42.8019, -17.1075, 20.3429



42.8019, -25.1836, -15.8061



42.8019, 14.8745, -30.2631



42.8019, 26.7421, 14.9028

Rectangle

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



42.8010, -17.1064, 20.3426



42.8019, -28.3863, 6.2928



42.8019, 14.8745, -30.2631



42.8019, 32.1077, -2.0526

Sweetspot

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



42.8019, -17.1075, 20.3429



60.1001, -10.1993, 12.6710



33.4046, 9.4460, 13.4047



29.0077, -5.2614, 6.5514



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.8019, -17.1075, 20.3429



56.5658, -26.0566, 29.9664



40.8983, -24.5756, 18.7724



22.2325, -2.6426, 3.1991



41.2805, -24.6113, 25.0060

0.0000, NaN, NaN

Inverse Universe

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



25.5843, 18.3801, -30.4468



29.2841, 31.4602, -54.2033



29.1678, 27.6417, -22.3595



20.6948, 0.4127, -1.0307



14.6522, 35.6391, -72.2888

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.8010, -17.1064, 20.3426 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 × Fail

Black Background



This preview shows how the HunterLab color 42.8010, -17.1064, 20.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

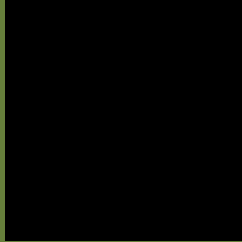
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.8010, -17.1064, 20.3426 Background



This preview shows how black text looks on a background with the HunterLab color 42.8010, -17.1064, 20.3426.



This preview shows how white text looks on a background with the HunterLab color 42.8010,

-17.1064, 20.3426.

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

42.8010, -17.1064, 20.3426

Protanopia

42.7837, -5.3189, 21.0852

Deuteranopia

42.6484, 2.7086, 19.7896



Tritanopia

42.6124, -2.8790, -2.6903

Trichromacy



Original Color

42.8010, -17.1064, 20.3426

Protanomaly

42.6703, -10.0680, 20.7384

Deuteranomaly

42.3932, -5.1294, 19.6588

Tritanomaly

42.5520, -8.8474, 7.8171

Monochromacy



Original Color

42.8010, -17.1064, 20.3426

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.8669, -8.0899, 10.0159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8010, -17.1064, 20.3426 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(102, 127, 59)` looks like.

```
.text, #text, p{  
    color:rgb(102, 127, 59)  
}
```

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(102, 127, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 127, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8010, -17.1064, 20.3426 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(102, 127, 59) }
```


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

```
.border{ border-color:rgb(102, 127, 59) }
```

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

Here you see how a box with a 4 pixel rgb(102, 127, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 127, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 127, 59);  
box-shadow:4px 4px 4px 4px rgb(102, 127,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8010, -17.1064, 20.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 127, 59) }
```

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

```
.background{ background-color: rgb(102,  
127, 59) }
```

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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