

Converting Colors

HunterLab(17.8245, -5.1807,
3.0596)

Have a look what the booklet for
HunterLab(17.8245, -5.1807, 3.0596)
contains.

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Color

**HunterLab(17.8302, -5.1461,
2.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	28352C
RGB	40, 53, 44
RGB Percent	16%, 21%, 17%
CMY	0.8431, 0.7922, 0.8274
CMYK	0.25, 0.00, 0.17, 0.79
HSL	138°, 14%, 18%
HSV	138°, 25%, 21%
XYZ	2.6028, 3.1792, 2.8593
YIQ	48.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

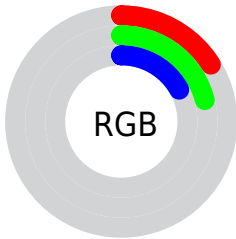
Format	Color
RYB	40, 50, 53
Decimal	2635052
CIELab	20.75, -7.69, 3.91
CIElCh	21, 8.625, 153.033
Yxy	3.1793, 0.3012, 0.3679
Android (android.graphics.Color)	4280825132 (0xFF28352C)
YUV	48.0870, -2.0149, -7.0923
Hunter-Lab	17.8302, -5.1461, 2.9732

Details

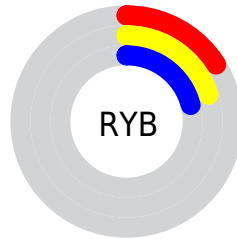
The HunterLab color **17.8302, -5.1461, 2.9732** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.7996, 3.7750, -1.1029**, and the grayscale version is **17.2290, -0.9193, 0.9361**.

A 20% lighter version of the original color is **34.3029, -7.4387, 4.6714**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.4754, -6.6310, 3.7407**, and if you desaturate by 10%, it is **18.2256, -3.5383, 2.1877**.

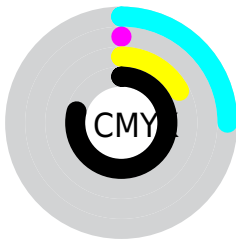
Distribution



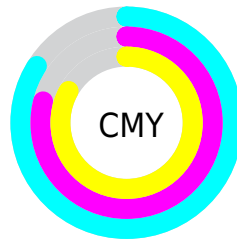
- Red (16%)
- Green (21%)
- Blue (17%)



- Red (16%)
- Yellow (20%)
- Blue (21%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (79%)



- Cyan (84%)
- Magenta (79%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8302, -5.1461, 2.9732 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 17.8302, -5.1461, 2.9732 by changing the saturation by 10% instead.

■ 17.8302, -5.1461,
2.9732

■ 17.8302, -5.1461,
2.9732

■ 114.2155,
-14.1655, 10.1057

■ 11.0727, -4.1041,
2.2715

■ 34.2168, -7.1306,
4.4071

■ 2.8778, -5.0362,
2.0145

■ 43.6487, -8.1100,
5.1524

0.0000, NaN, NaN

■ 53.8164, -9.0927,
5.9199

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6700, -10.0829,
6.7105

0.0000, NaN, NaN

■ 76.1687, -11.0837,
7.5245

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.2782, -12.0970,

100.9689,
-13.1239, 9.2223

17.8302, -5.1461,
2.9732

17.8302, -5.1461,
2.9732

17.4754, -6.6310,
3.7407

18.2256, -3.5383,
2.1877

17.1606, -7.9806,
4.4832

18.6596, -1.8189,
1.3894

16.8864, -9.1854,
5.1946

19.1315, -0.0007,
0.5840

16.6526, -10.2377,
5.8685

19.6399, 1.9040,
-0.2240

16.4583, -11.1325,
6.4989

20.1833, 3.8833,
-1.0302

■ 16.3006, -11.8762,
7.0785

■ 20.7604, 5.9263,
-1.8314

■ 16.1547, -12.5670,
7.5843

■ 21.3695, 8.0230,
-2.6246

■ 16.0769, -12.9347,
7.8275

■ 22.0090, 10.1644,
-3.4078

■ 22.6774, 12.3427,
-4.1792

Harmonies

Analogous

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



17.8306, -3.5670, 4.4789



17.8302, -5.1461, 2.9732



17.8306, -5.6237, 0.7200

Triad

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



17.8306, -5.1464, 2.9734



17.8306, -0.6901, -4.3908



17.8306, 3.3826, 3.3477

Complementary

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



17.8302, -5.1461, 2.9732



15.7996, 3.7750, -1.1029

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.



17.8306, 4.2556, 1.2175



17.8302, -5.1461, 2.9732



17.8306, 1.8222, -3.4373

Square

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



17.8306, -5.1464, 2.9734



17.8306, -3.1384, -3.7481



17.8306, 3.6692, -1.2955



17.8306, 1.3444, 4.6726

Rectangle

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



17.8302, -5.1461, 2.9732



17.8306, -5.2760, -0.9684



17.8306, 3.6692, -1.2955



17.8306, 3.8271, 2.7136

Sweetspot

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



17.8306, -5.1464, 2.9734



23.9091, -2.9867, 2.0846



18.3167, -3.5234, 4.7268



12.9550, -1.6069, 1.1242



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



17.8306, -5.1464, 2.9734



22.7244, -7.7967, 4.4271



17.9756, -4.3215, 0.8973



9.8145, -1.3026, 0.8915



26.9587, -22.0408, 13.8837



70.6388, -58.5436, 38.0865

Inverse Universe

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



15.7996, 3.7750, -1.1029



19.4993, 6.3934, -2.0413



15.6398, 2.9418, 1.1693



9.4491, 0.2986, 0.1574



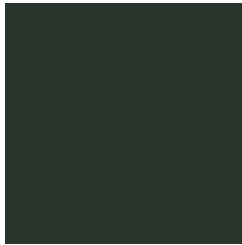
15.7535, 29.1715, -6.8211



41.1308, 75.7962, -14.9596

Previews

White Background



This preview shows how the HunterLab color 17.8302, -5.1461, 2.9732 looks on a white background.

Color Contrast Check

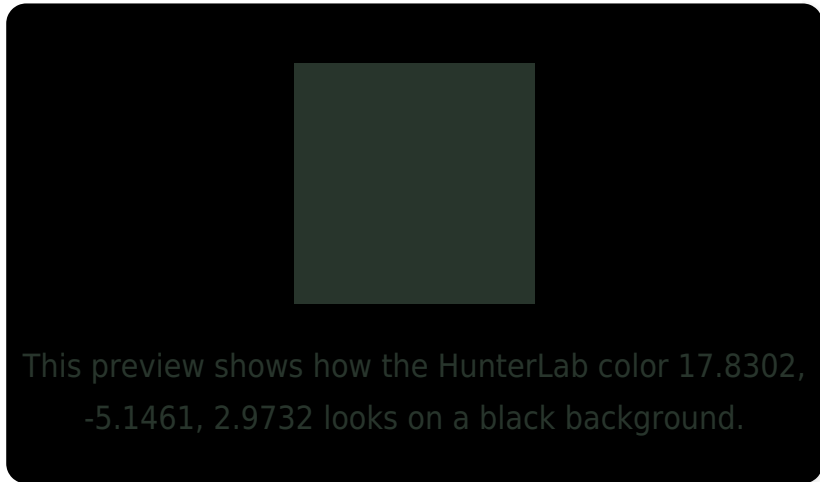
Large Text (above 18pt) WCAG AA ✓ Pass

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

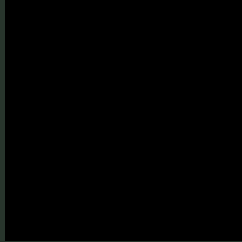
Any Text WCAG AA × Fail

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 17.8302, -5.1461, 2.9732 Background



This preview shows how black text looks on a background with the HunterLab color 17.8302, -5.1461, 2.9732.



This preview shows how white text looks on a background with the HunterLab color 17.8302, -5.1461,

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

17.8302, -5.1461, 2.9732

Protanopia

17.8282, -1.4159, 3.6761

Deuteranopia

17.7317, 0.7955, 2.6389



Tritanopia

17.7353, -2.3276, -1.6199

Trichromacy



Original Color

17.8302, -5.1461, 2.9732

Protanomaly

17.8058, -2.7016, 3.3142

Deuteranomaly

17.7448, -1.5832, 2.6114

Tritanomaly

17.8195, -3.5140, 0.1091

Monochromacy



Original Color

17.8302, -5.1461, 2.9732

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.4480, -2.5449, 1.5682

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8302, -5.1461, 2.9732 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(40, 53, 44)` looks like.

```
.text, #text, p{  
    color:rgb(40, 53, 44)  
}
```

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(40, 53, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 53, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8302, -5.1461, 2.9732 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(40, 53, 44) }
```


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

```
.border{ border-color:rgb(40, 53, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 53, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 53, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 53, 44);  
box-shadow:4px 4px 4px 4px rgb(40, 53, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8302, -5.1461, 2.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 53, 44) }
```

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

```
.background{ background-color: rgb(40, 53,  
44) }
```

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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