

Converting Colors

HunterLab(17.6632, -1.9532,
1.9229)

Have a look what the booklet for
HunterLab(17.6632, -1.9532, 1.9229)
contains.

HunterLab(17.6488, -1.8319, 1.8085)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.6488, -1.8319,
1.8085)**

Conversions

Conversions Part 1

Format	Color
Hex	30322F
RGB	48, 50, 47
RGB Percent	19%, 20%, 18%
CMY	0.8118, 0.8039, 0.8157
CMYK	0.04, 0.00, 0.06, 0.80
HSL	100°, 3%, 19%
HSV	100°, 6%, 20%
XYZ	2.8726, 3.1148, 3.1391
YIQ	49.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

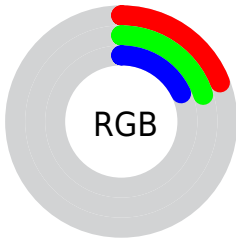
Format	Color
R_{YB}	47, 50, 49
Decimal	3158575
CIE Lab	20.50, -1.57, 1.60
CIE LCh	20, 2.245, 134.495
Yxy	3.1149, 0.3148, 0.3413
Android (android.graphics.Color)	4281348655 (0xFF30322F)
YUV	49.0600, -1.0156, -0.9296
Hunter-Lab	17.6488, -1.8319, 1.8085

Details

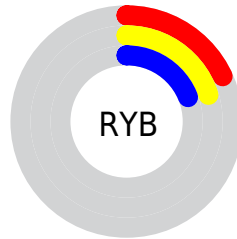
The HunterLab color **17.6488, -1.8319, 1.8085** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.0773, -0.0022, 0.0457**, and the grayscale version is **17.5489, -0.9364, 0.9535**.

A 20% lighter version of the original color is **33.9643, -2.8107, 2.8016**, and **2.5520, -2.1883, 1.5342** is the 20% darker color. If you saturate the color by 10%, you get **17.3171, -3.2355, 3.1143**, and if you desaturate by 10%, it is **18.0049, -0.3526, 0.3899**.

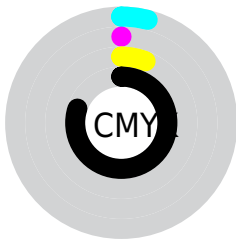
Distribution



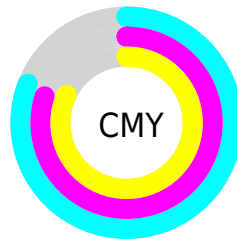
- Red (19%)
- Green (20%)
- Blue (18%)



- Red (18%)
- Yellow (20%)
- Blue (19%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (80%)



- Cyan (81%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6488, -1.8319, 1.8085 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 17.6488, -1.8319, 1.8085 by changing the saturation by 10% instead.

■ 17.6488, -1.8319,
1.8085

■ 17.6488, -1.8319,
1.8085

■ 113.8783, -7.7505,
7.8066

■ 10.9180, -1.3383,
1.3099

■ 33.9913, -2.9263,
2.9150

■ 2.3491, -3.0448,
1.6443

■ 43.4040, -3.5245,
3.5206

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.5540, -4.1551,
4.1594

0.0000, NaN, NaN

■ 64.3910, -4.8167,
4.8300

0.0000, NaN, NaN

■ 75.8741, -5.5081,
5.5311

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.9686, -6.2282,

100.6452, -6.9760,
7.0204

■ 17.6488, -1.8319,
1.8085

■ 17.6488, -1.8319,
1.8085

■ 17.3171, -3.2355,
3.1143

■ 18.0049, -0.3526,
0.3899

■ 17.0093, -4.5554,
4.3003

■ 18.3837, 1.1969,
-1.1355

■ 16.7261, -5.7857,
5.3614

■ 18.7849, 2.8097,
-2.7604

■ 16.4679, -6.9204,
6.2932

■ 19.2077, 4.4792,
-4.4776

■ 16.2349, -7.9544,
7.0926

■ 19.6514, 6.1993,
-6.2802

■ 16.0269, -8.8835,
7.7584

■ 20.1152, 7.9644,
-8.1613

■ 15.8438, -9.7046,
8.2915

■ 20.5983, 9.7691,
-10.1141

■ 15.6834, -10.4275,
8.7217

■ 21.1000, 11.6087,
-12.1327

■ 15.5378, -11.0967,
9.1610

■ 21.6194, 13.4786,
-14.2110

Harmonies

Analogous

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



17.6492, -1.2624, 2.1012



17.6488, -1.8319, 1.8085



17.6492, -2.1613, 1.2836

Triad

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



17.6492, -1.8323, 1.8088



17.6492, -1.2841, -0.2555



17.6492, 0.3159, 1.2633

Complementary

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



17.6488, -1.8319, 1.8085



17.0773, -0.0022, 0.0457

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.



17.6492, 0.3099, 0.6315



17.6488, -1.8319, 1.8085



17.6492, -0.6206, -0.2615

Square

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



17.6492, -1.8323, 1.8088



17.6492, -1.8480, 0.0843



17.6492, -0.0350, 0.0683



17.6492, -0.0187, 1.7943

Rectangle

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



17.6488, -1.8319, 1.8085



17.6492, -2.2028, 0.8648



17.6492, -0.0350, 0.0683



17.6492, 0.3538, 1.0560

Sweetspot

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



17.6492, -1.8323, 1.8088



22.4614, -1.5958, 1.6016



17.5502, -0.9437, 1.7123



12.3351, -0.8452, 0.8498



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.6492, -1.8323, 1.8088



22.2315, -2.5583, 2.5146



17.5925, -2.0096, 1.5623



9.8816, -1.0761, 1.0602



27.3104, -20.8577, 16.4634



71.3326, -56.1722, 42.9715

Inverse Universe

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



17.0773, -0.0022, 0.0457



21.3484, 0.2680, -0.2082



17.1383, 0.1811, 0.3184



9.5288, 0.0530, -0.0276



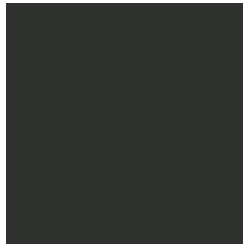
12.9263, 27.7490, -35.1523



33.1256, 71.8124, -95.5221

Previews

White Background



This preview shows how the HunterLab color 17.6488, -1.8319, 1.8085 looks on a white background.

Color Contrast Check

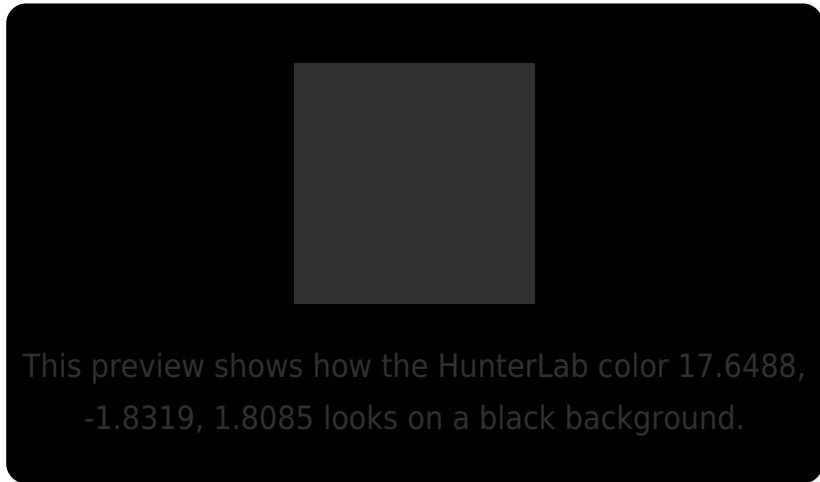
Large Text (above 18pt) WCAG AA ✓ Pass

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

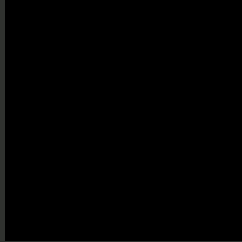
Any Text WCAG AA × Fail

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 17.6488, -1.8319, 1.8085 Background



This preview shows how black text looks on a background with the HunterLab color 17.6488, -1.8319, 1.8085.

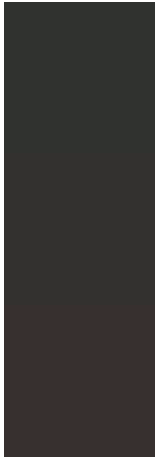


This preview shows how white text looks on a background with the HunterLab color 17.6488, -1.8319, 1.8085.

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

17.6488, -1.8319, 1.8085

Protanopia

17.6229, -0.6901, 1.7992

Deuteranopia

17.6957, 0.7628, 1.9067



Tritanopia

17.6256, -0.3867, -0.4759

Trichromacy



Original Color

17.6488, -1.8319, 1.8085

Protanomaly

17.5498, -0.9437, 1.7121

Deuteranomaly

17.6972, -0.4331, 1.8875

Tritanomaly

17.5744, -0.6660, 0.2515

Monochromacy



Original Color

17.6488, -1.8319, 1.8085

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.5014, -1.0658, 1.2925

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6488, -1.8319, 1.8085 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(48, 50, 47)` looks like.

```
.text, #text, p{  
    color:rgb(48, 50, 47)  
}
```

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(48, 50, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 50, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6488, -1.8319, 1.8085 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(48, 50, 47) }
```


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

```
.border{ border-color:rgb(48, 50, 47) }
```

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

Here you see how a box with a 4 pixel rgb(48, 50, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 50, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 50, 47);  
box-shadow:4px 4px 4px 4px rgb(48, 50, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6488, -1.8319, 1.8085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 50, 47) }
```

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

```
.background{ background-color: rgb(48, 50,  
47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor