

Converting Colors

HunterLab(17.6766, -2.8774,
1.0512)

Have a look what the booklet for
HunterLab(17.6766, -2.8774, 1.0512)
contains.

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Color

**HunterLab(17.6773, -2.8949,
1.0961)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3331
RGB	44, 51, 49
RGB Percent	17%, 20%, 19%
CMY	0.8274, 0.8000, 0.8078
CMYK	0.14, 0.00, 0.04, 0.80
HSL	163°, 7%, 19%
HSV	163°, 14%, 20%
XYZ	2.7769, 3.1249, 3.3625
YIQ	48.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

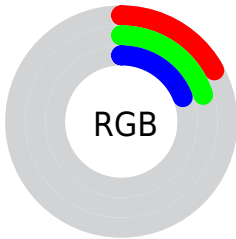
Format	Color
R_{YB}	44, 48, 51
Decimal	2896689
CIE Lab	20.54, -3.49, 0.25
CIE LCh	21, 3.501, 175.942
Yxy	3.1250, 0.2997, 0.3373
Android (android.graphics.Color)	4281086769 (0xFF2C3331)
YUV	48.6790, 0.1583, -4.1035
Hunter-Lab	17.6773, -2.8949, 1.0961

Details

The HunterLab color **17.6773, -2.8949, 1.0961** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.4393, 1.1906, 0.8280**, and the grayscale version is **17.4188, -0.9294, 0.9464**.

A 20% lighter version of the original color is **33.9842, -4.0240, 1.9822**, and **2.9837, -2.2963, 1.2277** is the 20% darker color. If you saturate the color by 10%, you get **17.3401, -4.1888, 1.2186**, and if you desaturate by 10%, it is **18.0485, -1.5093, 1.0110**.

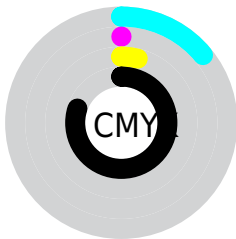
Distribution



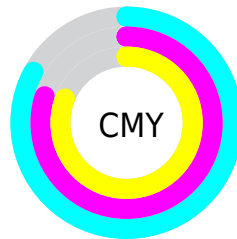
- Red (17%)
- Green (20%)
- Blue (19%)



- Red (17%)
- Yellow (19%)
- Blue (20%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (80%)



- Cyan (83%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6773, -2.8949, 1.0961 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 17.6773, -2.8949, 1.0961 by changing the saturation by 10% instead.

■ 17.6773, -2.8949,
1.0961

■ 17.6773, -2.8949,
1.0961

■ 113.9313, -9.7740,
6.4519

■ 10.9423, -2.2333,
0.7098

■ 34.0267, -4.2636,
2.0192

■ 2.4398, -4.2697,
0.5537

■ 43.4425, -4.9798,
2.5460

0.0000, NaN, NaN

■ 53.5952, -5.7195,
3.1119

0.0000, NaN, NaN

■ 64.4349, -6.4831,
3.7142

0.0000, NaN, NaN

■ 75.9204, -7.2706,
4.3511

0.0000, NaN, NaN

■ 88.0173, -8.0818,

0.0000, NaN, NaN

100.6961, -8.9164,
5.7213

17.6773, -2.8949,
1.0961

17.6773, -2.8949,
1.0961

17.3401, -4.1888,
1.2186

18.0485, -1.5093,
1.0110

17.0364, -5.3818,
1.3773

18.4520, -0.0394,
0.9623

16.7667, -6.4670,
1.5717

18.8872, 1.5054,
0.9496

16.5310, -7.4383,
1.8002

19.3532, 3.1168,
0.9719

16.3290, -8.2915,
2.0606

19.8488, 4.7864,
1.0279

■ 16.1596, -9.0242,
2.3503

■ 20.3728, 6.5064,
1.1162

■ 16.0202, -9.6437,
2.6639

■ 20.9240, 8.2698,
1.2350

■ 15.8875, -10.2399,
2.9739

■ 21.5013, 10.0700,
1.3828

■ 15.8043, -10.6158,
3.1626

■ 22.1034, 11.9014,
1.5577

Harmonies

Analogous

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



17.6777, -2.5708, 1.9949



17.6773, -2.8949, 1.0961



17.6777, -2.7069, 0.1096

Triad

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



17.6777, -2.8952, 1.0964



17.6777, -0.0607, -0.8355



17.6777, 0.1899, 2.4670

Complementary

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



17.6773, -2.8949, 1.0961



16.4393, 1.1906, 0.8280

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.



17.6777, 0.8905, 1.7744



17.6773, -2.8949, 1.0961



17.6777, 0.7434, -0.1368

Square

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



17.6777, -2.8952, 1.0964



17.6777, -1.0855, -1.0427



17.6777, 1.0953, 0.8271



17.6777, -0.8024, 2.7568

Rectangle

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



17.6773, -2.8949, 1.0961



17.6777, -2.3136, -0.4603



17.6777, 1.0953, 0.8271



17.6777, 0.4682, 2.2756

Sweetspot

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



17.6777, -2.8952, 1.0964



23.2331, -2.0336, 1.3070



17.6997, -3.0416, 2.8710



12.2600, -1.0999, 0.6914



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.



17.6777, -2.8952, 1.0964



22.6393, -4.2627, 1.4567



17.3832, -2.0803, -0.0079



9.8367, -1.1795, 0.5749



27.4840, -18.7972, 6.2252



72.0117, -50.0504, 18.0359

Inverse Universe

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



16.4393, 1.1906, 0.8280



20.6886, 2.1771, 1.0359



16.7128, 0.3766, 1.8514



9.4261, 0.1743, 0.4854



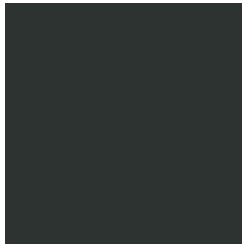
14.8615, 25.9378, 5.8270



38.8080, 67.3546, 18.1417

Previews

White Background



This preview shows how the HunterLab color 17.6773, -2.8949, 1.0961 looks on a white background.

Color Contrast Check

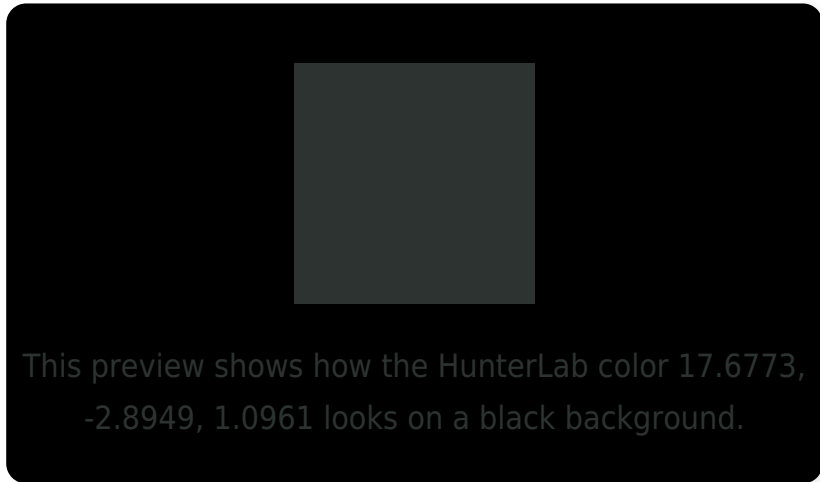
Large Text (above 18pt) WCAG AA ✓ Pass

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

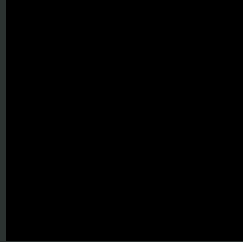
Any Text WCAG AA × Fail

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 17.6773, -2.8949, 1.0961 Background



This preview shows how black text looks on a background with the HunterLab color 17.6773, -2.8949, 1.0961.

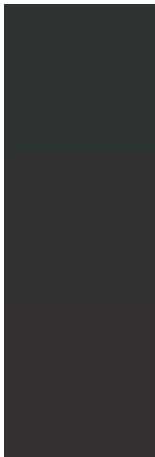


This preview shows how white text looks on a background with the HunterLab color 17.6773, -2.8949, 1.0961.

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

17.6773, -2.8949, 1.0961

Protanopia

17.6461, -0.5637, 1.4681

Deuteranopia

17.6875, 0.8767, 0.7990



Tritanopia

17.6222, -1.5791, -0.9111

Trichromacy



Original Color

17.6773, -2.8949, 1.0961

Protanomaly

17.6720, -1.7042, 1.4779

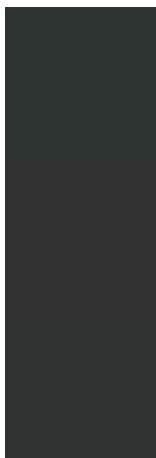
Deuteranomaly

17.6211, -0.5542, 0.6949

Tritanomaly

17.5699, -1.8680, -0.1694

Monochromacy



Original Color

17.6773, -2.8949, 1.0961

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.6275, -1.8136, 1.0568

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6773, -2.8949, 1.0961 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(44, 51, 49)` looks like.

```
.text, #text, p{  
    color:rgb(44, 51, 49)  
}
```

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(44, 51, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 51, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6773, -2.8949, 1.0961 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(44, 51, 49) }
```


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

```
.border{ border-color:rgb(44, 51, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 51, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 51, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 51, 49);  
box-shadow:4px 4px 4px 4px rgb(44, 51, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6773, -2.8949, 1.0961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 51, 49) }
```

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

```
.background{ background-color: rgb(44, 51,  
49) }
```

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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