

Converting Colors

HunterLab(17.6186, -3.4350,
3.8039)

Have a look what the booklet for
HunterLab(17.6186, -3.4350, 3.8039)
contains.

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Color

**HunterLab(17.6312, -3.4104,
3.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3329
RGB	46, 51, 41
RGB Percent	18%, 20%, 16%
CMY	0.8196, 0.8000, 0.8392
CMYK	0.10, 0.00, 0.20, 0.80
HSL	90°, 11%, 18%
HSV	90°, 20%, 20%
XYZ	2.7108, 3.1086, 2.5550
YIQ	48.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

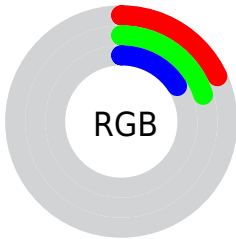
Format	Color
R_YB	41, 51, 46
Decimal	3027753
CIE Lab	20.47, -4.45, 5.63
CIE LCh	20, 7.175, 128.337
Yxy	3.1087, 0.3237, 0.3712
Android (android.graphics.Color)	4281217833 (0xFF2E3329)
YUV	48.3650, -3.6309, -2.0741
Hunter-Lab	17.6312, -3.4104, 3.7500

Details

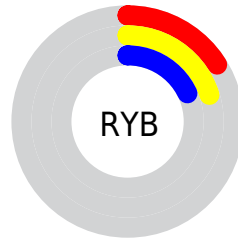
The HunterLab color **17.6312, -3.4104, 3.7500** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.5107, 1.8260, -2.3830**, and the grayscale version is **17.3256, -0.9244, 0.9413**.

A 20% lighter version of the original color is **33.9066, -4.7544, 5.4148**, and **2.5520, -2.1883, 1.5342** is the 20% darker color. If you saturate the color by 10%, you get **17.3721, -4.5489, 4.9558**, and if you desaturate by 10%, it is **17.9100, -2.1997, 2.4063**.

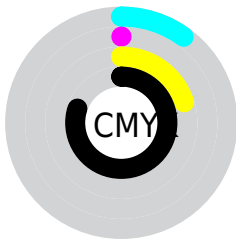
Distribution



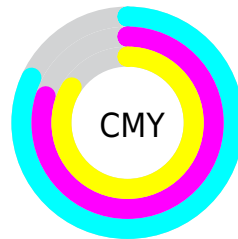
- Red (18%)
- Green (20%)
- Blue (16%)



- Red (16%)
- Yellow (20%)
- Blue (18%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (80%)



- Cyan (82%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6312, -3.4104, 3.7500 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 17.6312, -3.4104, 3.7500 by changing the saturation by 10% instead.

■ 17.6312, -3.4104,
3.7500

■ 17.6312, -3.4104,
3.7500

■ 113.8455,
-10.7725, 11.7416

■ 10.9030, -2.6633,
2.9059

■ 33.9694, -4.9179,
5.4359

■ 2.2912, -4.0095,
1.6038

■ 43.3803, -5.6934,
6.2874

0.0000, NaN, NaN

■ 53.5285, -6.4879,
7.1523

0.0000, NaN, NaN

■ 64.3639, -7.3027,
8.0333

0.0000, NaN, NaN

■ 75.8455, -8.1384,
8.9320

0.0000, NaN, NaN

■ 87.9386, -8.9952,

0.0000, NaN, NaN

100.6138, -9.8733,
10.7858

17.6312, -3.4104,
3.7500

17.6312, -3.4104,
3.7500

17.3721, -4.5489,
4.9558

17.9100, -2.1997,
2.4063

17.1319, -5.6100,
6.0196

18.2072, -0.9195,
0.9283

16.9108, -6.5910,
6.9399

18.5228, 0.4252,
-0.6787

16.7090, -7.4893,
7.7159

18.8564, 1.8302,
-2.4092

16.5262, -8.3029,
8.3488

19.2076, 3.2909,
-4.2571

■ 16.3622, -9.0311,
8.8419

■ 19.5761, 4.8028,
-6.2161

■ 16.2122, -9.6997,
9.2635

■ 19.9612, 6.3618,
-8.2797

■ 16.0703, -10.3429,
9.7003

■ 20.3625, 7.9635,
-10.4416

■ 16.0649, -10.3675,
9.7176

■ 20.7794, 9.6041,
-12.6955

Harmonies

Analogous

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



17.6316, -1.5316, 4.3956



17.6312, -3.4104, 3.7500



17.6316, -4.5887, 2.3381

Triad

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



17.6316, -3.4108, 3.7502



17.6316, -2.4282, -3.0584



17.6316, 3.2961, 1.5153

Complementary

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



17.6312, -3.4104, 3.7500



15.5107, 1.8260, -2.3830

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.



17.6316, 3.0281, -0.5398



17.6312, -3.4104, 3.7500



17.6316, -0.3440, -3.3464

Square

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



17.6316, -3.4108, 3.7502



17.6316, -4.0404, -1.6319



17.6316, 1.6712, -2.3777



17.6316, 2.3870, 3.2093

Rectangle

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



17.6312, -3.4104, 3.7500



17.6316, -4.8515, 1.0724



17.6316, 1.6712, -2.3777



17.6316, 3.3415, 0.8463

Sweetspot

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



17.6316, -3.4108, 3.7502



23.2021, -2.3005, 2.4921



16.7869, -0.2144, 2.9308



12.2515, -1.2110, 1.3116



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.



17.6316, -3.4108, 3.7502



22.5279, -5.2353, 5.7321



17.3185, -4.5545, 3.4098



9.8765, -1.1151, 1.2159



27.8131, -18.7744, 16.8096



72.6000, -50.8889, 43.8449

Inverse Universe

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



15.5107, 1.8260, -2.3830



19.0298, 3.4165, -4.4177



15.9022, 3.1052, -1.8247



9.3815, 0.1047, -0.2100



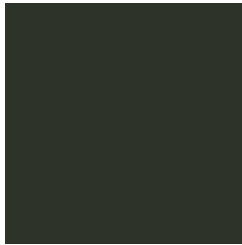
11.2918, 25.7622, -42.5059



28.6523, 66.5067, -116.6678

Previews

White Background



This preview shows how the HunterLab color 17.6312, -3.4104, 3.7500 looks on a white background.

Color Contrast Check

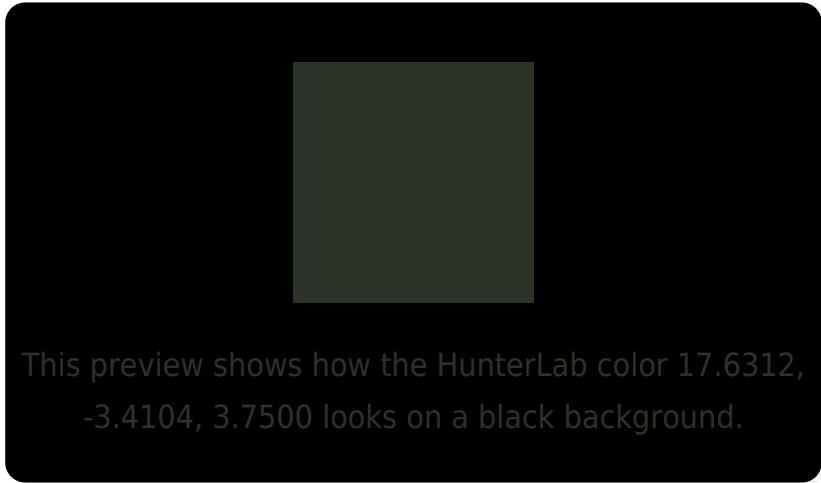
Large Text (above 18pt) WCAG AA ✓ Pass

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

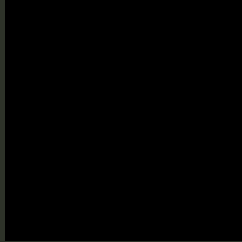
Any Text WCAG AA × Fail

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 17.6312, -3.4104, 3.7500 Background



This preview shows how black text looks on a background with the HunterLab color 17.6312, -3.4104, 3.7500.



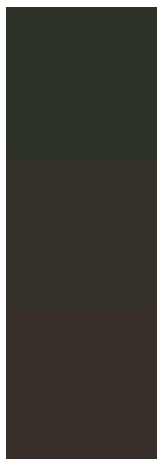
This preview shows how white text looks on a background with the HunterLab color 17.6312, -3.4104,

3.7500.

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

17.6312, -3.4104, 3.7500

Protanopia

17.5496, -1.2410, 4.0101

Deuteranopia

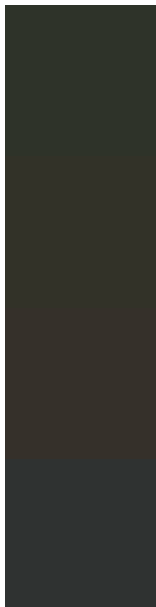
17.5216, 1.1402, 3.4044



Tritanopia

17.5558, -0.6281, -0.5683

Trichromacy



Original Color

17.6312, -3.4104, 3.7500

Protanomaly

17.6423, -2.1499, 4.0870

Deuteranomaly

17.4297, -0.3617, 3.2825

Tritanomaly

17.6275, -1.8136, 1.0568

Monochromacy



Original Color

17.6312, -3.4104, 3.7500

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.2928, -1.9357, 2.1100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6312, -3.4104, 3.7500 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(46, 51, 41)` looks like.

```
.text, #text, p{  
    color:rgb(46, 51, 41)  
}
```

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(46, 51, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 51, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6312, -3.4104, 3.7500 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(46, 51, 41) }
```


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

```
.border{ border-color:rgb(46, 51, 41) }
```

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

Here you see how a box with a 4 pixel rgb(46, 51, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 51, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 51, 41);  
box-shadow:4px 4px 4px 4px rgb(46, 51, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6312, -3.4104, 3.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 51, 41) }
```

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

```
.background{ background-color: rgb(46, 51,  
41) }
```

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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