

Converting Colors

HunterLab(37.5106, -17.0214,
3.2576)

Have a look what the booklet for
HunterLab(37.5106, -17.0214,
3.2576) contains.

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Color

**HunterLab(37.5508,
-17.1104, 3.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	3A7365
RGB	58, 115, 101
RGB Percent	23%, 45%, 40%
CMY	0.7725, 0.5490, 0.6039
CMYK	0.50, 0.00, 0.12, 0.55
HSL	165°, 33%, 34%
HSV	165°, 50%, 45%
XYZ	10.2247, 14.1006, 14.4947
YIQ	96.3610, -29.4780, -16.4380

Conversions

Conversions Part 2

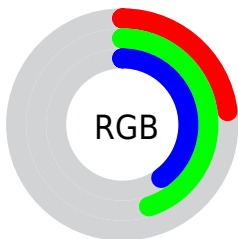
Format	Color
RYB	58, 90, 115
Decimal	3830629
CIELab	44.38, -22.45, 1.98
CIELCh	44, 22.535, 174.964
Yxy	14.1012, 0.2634, 0.3632
Android (android.graphics.Color)	4282020709 (0xFF3A7365)
YUV	96.3610, 2.2870, -33.6426
Hunter-Lab	37.5508, -17.1104, 3.3994

Details


The HunterLab color **37.5508, -17.1104, 3.3994** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26.7194, 18.3998, 3.1808**, and the grayscale version is **34.3361, -1.8321, 1.8655**.

A 20% lighter version of the original color is **57.5809, -20.8091, 4.5293**, and **20.4029, -12.8351, 2.2056** is the 20% darker color. If you saturate the color by 10%, you get **37.0671, -19.1513, 3.9524**, and if you desaturate by 10%, it is **38.1334, -14.7242, 2.9491**.

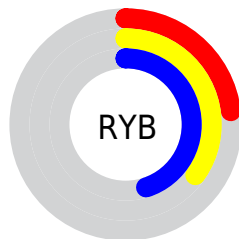
Distribution



 Red (23%)

 Green (45%)

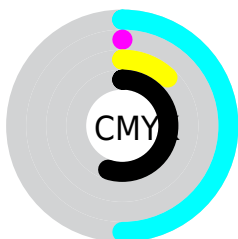
 Blue (40%)




 Red (23%)

 Yellow (35%)

 Blue (45%)

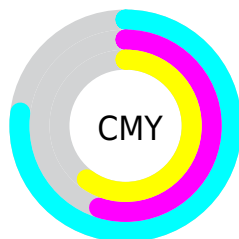


 Cyan (50%)


 Magenta (0%)

 Yellow (12%)

 Black (55%)



 Cyan (77%)

 Magenta (55%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5508, -17.1104, 3.3994 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 37.5508, -17.1104, 3.3994 by changing the saturation by 10% instead.

■ 37.5508, -17.1104,
3.3994

■ 37.5508, -17.1104,
3.3994

147.6006,
-33.0110, 10.1986

■ 28.6201, -15.0847,
2.7916

■ 57.6788, -20.8966,
4.7114

■ 20.5364, -12.9147,
2.2161

■ 68.7709, -22.7036,
5.4128

■ 13.4012, -10.5195,
1.6731

■ 80.4950, -24.4726,
6.1431

■ 6.9616, -12.1828,
1.5567

■ 92.8186, -26.2131,
6.9015

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7139,
-27.9323, 7.6870

0.0000, NaN, NaN

■ 119.1566,

0.0000, NaN, NaN

-29.6357, 8.4989

0.0000, NaN, NaN

133.1252,
-31.3274, 9.3363

■ 37.5508, -17.1104,
3.3994

■ 37.5508, -17.1104,
3.3994

■ 37.0671, -19.1513,
3.9524

■ 38.1334, -14.7242,
2.9491

■ 36.6769, -20.8419,
4.5981

■ 38.8145, -12.0036,
2.6063

■ 36.3759, -22.1889,
5.3255

■ 39.5950, -8.9678,
2.3752

■ 36.1570, -23.2105,
6.1209

■ 40.4744, -5.6402,
2.2573

■ 35.9879, -24.0304,
6.9432

■ 41.4508, -2.0477,
2.2518

■ 35.9807, -24.0658,
6.9784

■ 42.5219, 1.7815,
2.3562

■ 43.6844, 5.8189,
2.5668

■ 44.9350, 10.0368,
2.8786

■ 46.2697, 14.4090,
3.2858

Harmonies

Analogous

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



37.5515, -14.6188, 10.0056



37.5508, -17.1104, 3.3994



37.5515, -15.8626, -5.2263

Triad

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



37.5515, -17.1108, 3.3999



37.5515, 5.2378, -15.2131



37.5515, 7.9757, 12.7850

Complementary

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



37.5508, -17.1104, 3.3994



26.7194, 18.3998, 3.1808

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.



37.5515, 14.2069, 8.1001



37.5508, -17.1104, 3.3994



37.5515, 12.5290, -8.1640

Square

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



37.5515, -17.1108, 3.3999



37.5515, -3.4474, -17.2640



37.5515, 15.9436, 0.6357



37.5515, -0.5419, 14.5882

Rectangle

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



37.5508, -17.1104, 3.3994



37.5515, -13.0129, -10.8703



37.5515, 15.9436, 0.6357



37.5515, 10.4365, 11.5544

Sweetspot

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



37.5515, -17.1108, 3.3999



53.4585, -10.1888, 3.0941



37.3563, -19.5681, 16.3224



26.0164, -5.3352, 1.5262



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.5515, -17.1108, 3.3999



49.5441, -25.8710, 5.3688



33.7591, -9.0096, -7.8427



20.3486, -2.7434, 1.1320



38.4657, -25.7584, 7.5263



84.8305, -57.3684, 17.8110

Inverse Universe

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



26.7194, 18.3998, 3.1808



32.5115, 30.6568, 5.4650



29.3563, 10.4528, 10.1869



19.2724, 0.7040, 1.0654



20.6420, 35.8057, 9.8057



45.4385, 78.5655, 23.5427

Previews

White Background



This preview shows how the HunterLab color 37.5508, -17.1104, 3.3994 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 37.5508, -17.1104, 3.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

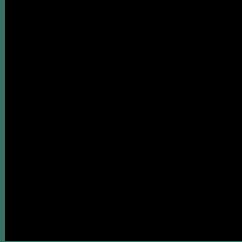
Any Text WCAG AA × Fail

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 37.5508, -17.1104, 3.3994 Background



This preview shows how black text looks on a background with the HunterLab color 37.5508, -17.1104, 3.3994.



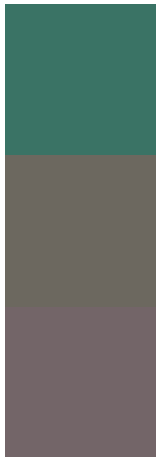
This preview shows how white text looks on a background with the HunterLab color 37.5508,

-17.1104, 3.3994.

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

37.5508, -17.1104, 3.3994

Protanopia

37.3028, -2.1148, 5.7409

Deuteranopia

37.3519, 2.6020, 2.2728



Tritanopia

37.4951, -11.5370, -5.7016

Trichromacy



Original Color

37.5508, -17.1104, 3.3994

Protanomaly

37.0970, -8.4461, 4.6362

Deuteranomaly

36.9689, -5.7010, 2.1007

Tritanomaly

37.4824, -13.5477, -2.3225

Monochromacy



Original Color

37.5508, -17.1104, 3.3994

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.1798, -8.1131, 2.0610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5508, -17.1104, 3.3994 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(58, 115, 101)` looks like.

```
.text, #text, p{  
    color:rgb(58, 115, 101)  
}
```

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(58, 115, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 115, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5508, -17.1104, 3.3994 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(58, 115, 101) }
```


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

```
.border{ border-color:rgb(58, 115, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 115, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 115, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 115, 101);  
box-shadow:4px 4px 4px 4px rgb(58, 115,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5508, -17.1104, 3.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 115, 101) }
```

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

```
.background{ background-color: rgb(58, 115,  
101) }
```

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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