

Converting Colors

HunterLab(37.4503, -12.7109,
-1.5507)

Have a look what the booklet for
HunterLab(37.4503, -12.7109,
-1.5507) contains.

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Color

**HunterLab(37.3517,
-12.6373, -1.5381)**

Conversions

Conversions Part 1

Format	Color
Hex	437070
RGB	67, 112, 112
RGB Percent	26%, 44%, 44%
CMY	0.7372, 0.5608, 0.5608
CMYK	0.40, 0.00, 0.00, 0.56
HSL	180°, 25%, 35%
HSV	180°, 40%, 44%
XYZ	11.0335, 13.9515, 17.4406
YIQ	98.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

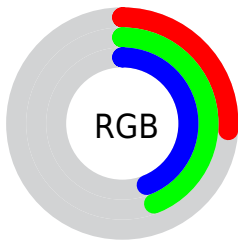
Format	Color
R_{YB}	67, 90, 112
Decimal	4419696
CIE _{Lab}	44.16, -15.42, -4.89
CIE _{LCh}	44, 16.171, 197.588
Yxy	13.9520, 0.2601, 0.3288
Android (android.graphics.Color)	4282609776 (0xFF437070)
YUV	98.5450, 6.6333, -27.6650
Hunter-Lab	37.3517, -12.6373, -1.5381

Details

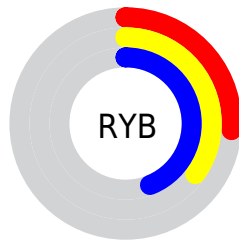
The HunterLab color $[37.3517, -12.6373, -1.5381]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[28.0441, 12.6813, 6.2749]$, and the grayscale version is $[35.1363, -1.8748, 1.9090]$.

A 20% lighter version of the original color is $[57.5177, -15.4754, -1.0330]$, and $[20.3645, -9.5831, -1.7412]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.8697, -14.4675, -2.1855]$, and if you desaturate by 10%, it is $[37.9301, -10.4816, -0.7734]$.

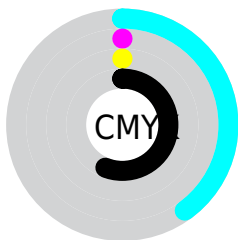
Distribution



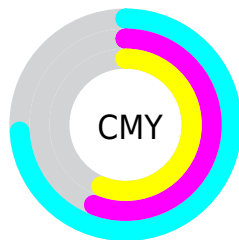
- Red (26%)
- Green (44%)
- Blue (44%)



- Red (26%)
- Yellow (35%)
- Blue (44%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (74%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3517, -12.6373, -1.5381 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 37.3517, -12.6373, -1.5381 by changing the saturation by 10% instead.

■ 37.3517, -12.6373,
-1.5381

■ 37.3517, -12.6373,
-1.5381

147.2862,
-25.2988, 2.5313

■ 28.4382, -11.1200,
-1.7428

■ 57.4490, -15.5400,
-0.9471

■ 20.3737, -9.5240,
-1.8764

■ 68.5273, -16.9533,
-0.5740

■ 13.2601, -7.7990,
-1.9249

■ 80.2382, -18.3528,
-0.1549

■ 6.7896, -10.2560,
-2.6136

■ 92.5493, -19.7443,
0.3069

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.4326,
-21.1319, 0.8086

0.0000, NaN, NaN

118.8638,

0.0000, NaN, NaN

-22.5186, 1.3478

0.0000, NaN, NaN

132.8214,
-23.9070, 1.9227

■ 37.3517, -12.6373,
-1.5381

■ 37.3517, -12.6373,
-1.5381

■ 36.8697, -14.4675,
-2.1855

■ 37.9301, -10.4816,
-0.7734

■ 36.4795, -15.9656,
-2.7156

■ 38.6038, -8.0116,
0.1030

■ 36.1783, -17.1348,
-3.1291

■ 39.3732, -5.2452,
1.0855

■ 35.9604, -17.9869,
-3.4302

■ 40.2375, -2.2043,
2.1670

■ 35.8187, -18.5444,
-3.6272

■ 41.1945, 1.0868,
3.3390

■ 35.7192, -18.9373,
-3.7659

■ 42.2419, 4.6027,
4.5928

■ 43.3765, 8.3175,
5.9197

■ 44.5949, 12.2064,
7.3109

■ 45.8934, 16.2457,
8.7584

Harmonies

Analogous

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



37.3524, -12.8824, 4.3769



37.3517, -12.6373, -1.5381



37.3524, -9.6594, -7.2883

Triad

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



37.3524, -12.6377, -1.5376



37.3524, 7.1670, -6.4009



37.3524, 0.5875, 11.4554

Complementary

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



37.3517, -12.6373, -1.5381



28.0441, 12.6813, 6.2749

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.



37.3524, 6.3419, 9.4380



37.3517, -12.6373, -1.5381



37.3524, 10.3026, -0.4730

Square

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



37.3524, -12.6377, -1.5376



37.3524, 1.6551, -10.3940



37.3524, 9.9911, 5.2829



37.3524, -5.5102, 11.2651

Rectangle

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



37.3517, -12.6373, -1.5381



37.3524, -6.4085, -9.9673



37.3524, 9.9911, 5.2829



37.3524, 2.6333, 11.0285

Sweetspot

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



37.3524, -12.6377, -1.5376



51.9568, -7.7669, 1.1492



36.3512, -18.5654, 13.4129



25.4188, -3.9777, 0.5026



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.3524, -12.6377, -1.5376



48.9208, -18.9703, -2.8242



31.1740, -3.4959, -10.0079



19.5325, -2.4255, 0.5977



38.4047, -20.3610, -4.0490



85.7160, -45.4441, -9.0368

Inverse Universe

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



28.0441, 12.6813, 6.2749



34.1747, 21.5955, 9.7051



33.0964, 2.7419, 10.9285



18.4432, 0.4809, 1.4930



19.9559, 34.1750, 12.8947



44.5397, 76.2757, 28.7802

Previews

White Background



This preview shows how the HunterLab color 37.3517, -12.6373, -1.5381 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 37.3517, -12.6373, -1.5381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

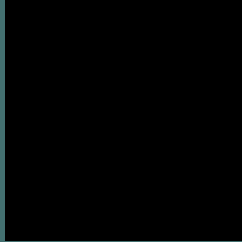
Any Text WCAG AA × Fail

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 37.3517, -12.6373, -1.5381 Background



This preview shows how black text looks on a background with the HunterLab color 37.3517, -12.6373, -1.5381.



This preview shows how white text looks on a background with the HunterLab color 37.3517, -12.6373, -1.5381.

-12.6373, -1.5381.

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

37.3517, -12.6373, -1.5381

Protanopia

37.1016, -0.7967, 0.6192

Deuteranopia

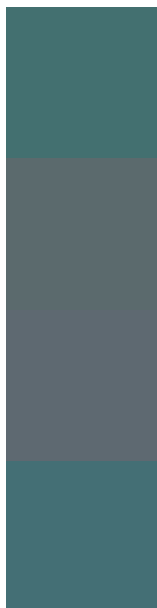
37.1126, 2.3770, -2.5224



Tritanopia

37.4034, -10.4370, -5.3019

Trichromacy



Original Color

37.3517, -12.6373, -1.5381

Protanomaly

36.9274, -5.5116, -0.5715

Deuteranomaly

36.9798, -3.6619, -2.3254

Tritanomaly

37.2588, -11.1662, -4.0178

Monochromacy



Original Color

37.3517, -12.6373, -1.5381

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.9532, -6.4214, 0.4442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3517, -12.6373, -1.5381 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(67, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(67, 112, 112)  
}
```

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(67, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 112, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3517, -12.6373, -1.5381 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(67, 112, 112) }
```


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

```
.border{ border-color:rgb(67, 112, 112) }
```

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

Here you see how a box with a 4 pixel rgb(67, 112, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(67, 112,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3517, -12.6373, -1.5381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 112, 112) }
```

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

```
.background{ background-color: rgb(67, 112,  
112) }
```

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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