

Converting Colors

HunterLab(37.8564, -8.3728,
-7.7340)

Have a look what the booklet for
HunterLab(37.8564, -8.3728,
-7.7340) contains.

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Color

**HunterLab(37.8564, -8.3728,
-7.7340)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 4A6F7E |
| RGB | 74, 111, 126 |
| RGB Percent | 29%, 44%, 49% |
| CMY | 0.7098, 0.5647, 0.5059 |
| CMYK | 0.41, 0.12, 0.00, 0.51 |
| HSL | 197°, 26%, 39% |
| HSV | 197°, 41%, 49% |
| XYZ | 12.2744, 14.3311, 21.8579 |
| YIQ | 101.6470, -26.8670, -3.1790 |

Conversions

Conversions Part 2

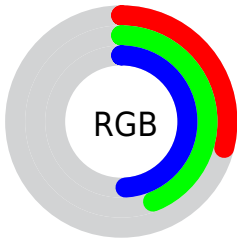
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 74, 96, 126 |
| Decimal | 4878206 |
| CIELab | 44.70, -8.93, -12.44 |
| CIElCh | 45, 15.313, 234.348 |
| Yxy | 14.3316, 0.2533, 0.2957 |
| Android (android.graphics.Color) | 4283068286 (0xFF4A6F7E) |
| YUV | 101.6470, 12.0060, -24.2464 |
| Hunter-Lab | 37.8564, -8.3728, -7.7340 |

Details

The HunterLab color $[37.8564, -8.3728, -7.7340]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[34.7491, 8.0884, 10.4993]$, and the grayscale version is $[36.2822, -1.9359, 1.9713]$.

A 20% lighter version of the original color is $[58.1455, -10.6058, -7.8439]$, and $[20.7003, -6.0987, -7.4615]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.1987, -9.0496, -10.1834]$, and if you desaturate by 10%, it is $[39.6134, -7.3710, -5.2630]$.

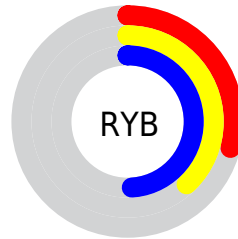
Distribution



Red (29%)

Green (44%)

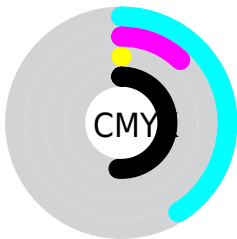
Blue (49%)



Red (29%)

Yellow (38%)

Blue (49%)

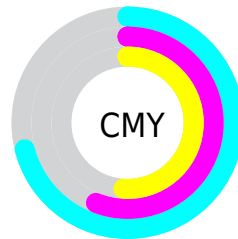


Cyan (41%)

Magenta (12%)

Yellow (0%)

Black (51%)



Cyan (71%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8564, -8.3728, -7.7340 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 37.8564, -8.3728, -7.7340 by changing the saturation by 10% instead.

■ 37.8564, -8.3728,
-7.7340

■ 37.8564, -8.3728,
-7.7340

■ 148.0825,
-18.1238, -6.3418

■ 28.8993, -7.3086,
-7.5810

■ 58.0313, -10.4853,
-7.8173

■ 20.7865, -6.2233,
-7.3466

■ 69.1446, -11.5454,
-7.7615

■ 13.6183, -5.0938,
-7.0293

■ 80.8888, -12.6132,
-7.6478

■ 7.2170, -5.7746,
-7.4232

■ 93.2315, -13.6907,
-7.4804

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.1451,
-14.7795, -7.2632

0.0000, NaN, NaN

119.6053,

0.0000, NaN, NaN

-15.8808, -6.9992

0.0000, NaN, NaN

133.5908,
-16.9954, -6.6913

■ 37.8564, -8.3728,
-7.7340

■ 37.8564, -8.3728,
-7.7340

■ 36.1987, -9.0496,
-10.1834

■ 39.6134, -7.3710,
-5.2630

■ 34.6431, -9.3754,
-12.5995

■ 41.4623, -6.0705,
-2.7836

■ 33.1939, -9.3306,
-14.9665

■ 43.3982, -4.4992,
-0.3041

■ 31.8535, -8.9038,
-17.2687

■ 45.4156, -2.6837,
2.1688

■ 30.6209, -8.0978,
-19.4930

■ 47.5094, -0.6489,
4.6302

■ 29.5988, -7.2121,
-21.4271

■ 49.6744, 1.5823,
7.0770

■ 51.9060, 3.9892,
9.5072

■ 54.1999, 6.5537,
11.9198

■ 56.5521, 9.2593,
14.3147

Harmonies

Analogous

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



37.8571, -11.7577, -2.6341



37.8564, -8.3728, -7.7340



37.8571, -3.1262, -10.2441

Triad

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



37.8571, -8.3731, -7.7333



37.8571, 9.8662, 0.9889



37.8571, -6.5598, 10.5889

Complementary

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



37.8564, -8.3728, -7.7340



34.7491, 8.0884, 10.4993

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.



37.8571, -0.9050, 11.2569



37.8564, -8.3728, -7.7340



37.8571, 8.8093, 6.2218

Square

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



37.8571, -8.3731, -7.7333



37.8571, 7.5838, -4.7402



37.8571, 4.7775, 9.7821



37.8571, -10.7563, 7.7951

Rectangle

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



37.8564, -8.3728, -7.7340



37.8571, 0.8132, -9.8747



37.8571, 4.7775, 9.7821



37.8571, -4.7761, 11.0498

Sweetspot

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



37.8571, -8.3731, -7.7333



57.3124, -6.1954, -0.7360



41.3457, -20.2145, 11.6536



27.2102, -3.0595, -0.5072



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



37.8571, -8.3731, -7.7333



48.0471, -11.9995, -13.4781



30.8248, 3.1529, -18.9176



21.6422, -2.0379, 0.1139



29.9672, -7.2867, -21.7264

0.0000, NaN, NaN

Inverse Universe

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



32.3748, 20.1070, -7.2416



39.5798, 33.7466, -11.9918



41.3897, -3.6843, 16.1587



20.9569, 1.2020, 0.0771



23.0241, 42.6892, -10.3919

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 37.8564, -8.3728, -7.7340 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 37.8564, -8.3728, -7.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

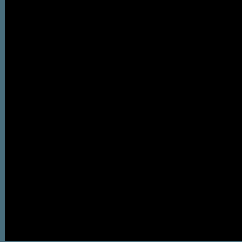
Any Text WCAG AA × Fail

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 37.8564, -8.3728, -7.7340 Background



This preview shows how black text looks on a background with the HunterLab color 37.8564, -8.3728, -7.7340.



This preview shows how white text looks on a background with the HunterLab color 37.8564, -8.3728, -7.7340.

-7.7340.

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

37.8564, -8.3728, -7.7340

Protanopia

37.8590, -0.0383, -5.5072

Deuteranopia

37.7654, 2.7868, -8.7421



Tritanopia

37.9279, -9.9312, -5.0803

Trichromacy



Original Color

37.8564, -8.3728, -7.7340

Protanomaly

37.7104, -3.2918, -6.2828

Deuteranomaly

37.7095, -1.6110, -8.3612

Tritanomaly

37.9932, -9.5602, -5.9989

Monochromacy



Original Color

37.8564, -8.3728, -7.7340

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.7779, -4.4967, -1.6607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8564, -8.3728, -7.7340 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(74, 111, 126)` looks like.

```
.text, #text, p{  
    color:rgb(74, 111, 126)  
}
```

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(74, 111, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8564, -8.3728, -7.7340 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(74, 111, 126) }
```


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

```
.border{ border-color:rgb(74, 111, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 111, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 126);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8564, -8.3728, -7.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 126) }
```

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

```
.background{ background-color: rgb(74, 111,  
126) }
```

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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