

Converting Colors

HunterLab(37.7947, -7.2233,
-8.6049)

Have a look what the booklet for
HunterLab(37.7947, -7.2233,
-8.6049) contains.

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Color

HunterLab(37.7997, -6.9663,
-8.8627)

Conversions

Conversions Part 1

Format	Color
Hex	4D6E80
RGB	77, 110, 128
RGB Percent	30%, 43%, 50%
CMY	0.6980, 0.5686, 0.4980
CMYK	0.40, 0.14, 0.00, 0.50
HSL	201°, 25%, 40%
HSV	201°, 40%, 50%
XYZ	12.5328, 14.2882, 22.5195
YIQ	102.1850, -25.4460, -1.3980

Conversions

Conversions Part 2

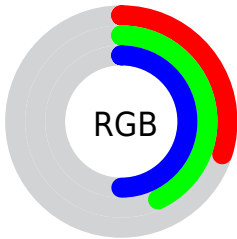
Format	Color
R_{YB}	77, 97, 128
Decimal	5074560
CIE Lab	44.64, -6.90, -13.72
CIE LCh	45, 15.356, 243.288
Yxy	14.2887, 0.2540, 0.2896
Android (android.graphics.Color)	4283264640 (0xFF4D6E80)
YUV	102.1850, 12.7268, -22.0872
Hunter-Lab	37.7997, -6.9663, -8.8627

Details

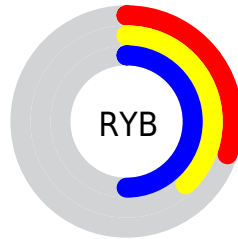
The HunterLab color $[37.7997, -6.9663, -8.8627]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[36.4825, 6.2891, 11.1792]$, and the grayscale version is $[36.4820, -1.9466, 1.9821]$.

A 20% lighter version of the original color is $[58.1086, -9.0345, -8.9568]$, and $[20.6316, -4.8483, -8.6292]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.8573, -7.3696, -11.8023]$, and if you desaturate by 10%, it is $[39.8428, -6.2432, -5.9489]$.

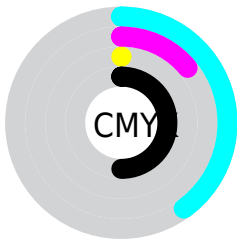
Distribution



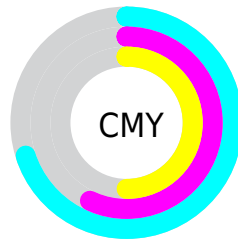
- Red (30%)
- Green (43%)
- Blue (50%)



- Red (30%)
- Yellow (38%)
- Blue (50%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7997, -6.9663, -8.8627 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 37.7997, -6.9663, -8.8627 by changing the saturation by 10% instead.

■ 37.7997, -6.9663,
-8.8627

■ 37.7997, -6.9663,
-8.8627

147.9931,
-15.8272, -7.8954

■ 28.8474, -6.0384,
-8.6577

■ 57.9659, -8.8393,
-9.0489

■ 20.7401, -5.1053,
-8.3734

■ 69.0753, -9.7917,
-9.0430

■ 13.5780, -4.1513,
-8.0143

■ 80.8158, -10.7580,
-8.9778

■ 7.1704, -4.5779,
-8.4747

■ 93.1549, -11.7392,
-8.8576

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.0651,
-12.7363, -8.6862

0.0000, NaN, NaN

119.5221,

0.0000, NaN, NaN

-13.7498, -8.4669

0.0000, NaN, NaN

133.5044,
-14.7800, -8.2025

■ 37.7997, -6.9663,
-8.8627

■ 37.7997, -6.9663,
-8.8627

■ 35.8573, -7.3696,
-11.8023

■ 39.8428, -6.2432,
-5.9489

■ 34.0203, -7.4214,
-14.7586

■ 41.9775, -5.2303,
-3.0702

■ 32.2958, -7.0944,
-17.7160

■ 44.1980, -3.9579,
-0.2305

■ 30.6889, -6.3681,
-20.6566

■ 46.4980, -2.4537,
2.5681

■ 29.2024, -5.2348,
-23.5610

■ 48.8717, -0.7426,
5.3255

■ 27.8040, -3.8184,
-26.4835

■ 51.3138, 1.1530,
8.0427

■ 27.7820, -3.7959,
-26.5309

■ 53.8195, 3.2131,
10.7213

■ 56.3844, 5.4207,
13.3639

■ 59.0046, 7.7604,
15.9730

Harmonies

Analogous

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



37.8004, -11.0107, -4.3321



37.7997, -6.9663, -8.8627



37.8004, -1.3685, -10.3275

Triad

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



37.8004, -6.9666, -8.8620



37.8004, 9.9399, 2.6691



37.8004, -8.0245, 9.9871

Complementary

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



37.7997, -6.9663, -8.8627



36.4825, 6.2891, 11.1792

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.



37.8004, -2.6650, 11.2948



37.7997, -6.9663, -8.8627



37.8004, 7.9008, 7.4958

Square

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



37.8004, -6.9666, -8.8620



37.8004, 8.6166, -3.1016



37.8004, 3.1970, 10.4571



37.8004, -11.5948, 6.5786

Rectangle

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



37.7997, -6.9663, -8.8627



37.8004, 2.5542, -9.2106



37.8004, 3.1970, 10.4571



37.8004, -6.3845, 10.6612

Sweetspot

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



37.8004, -6.9666, -8.8620



57.9187, -5.6923, -1.2180



42.2374, -19.6569, 10.5344



27.8757, -2.8426, -0.7782



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



37.8004, -6.9666, -8.8620



47.7642, -9.7546, -15.3715



30.9496, 4.5408, -19.9725



21.5392, -1.8706, -0.0097



27.6693, -3.7874, -26.4084

0.0000, NaN, NaN

Inverse Universe

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



33.2012, 19.1601, -5.5508



40.7326, 32.0520, -9.1575



43.1772, -5.2772, 16.8712



20.9462, 1.1445, 0.2295



22.7319, 41.6426, -6.3463

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 37.7997, -6.9663, -8.8627 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 37.7997, -6.9663, -8.8627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

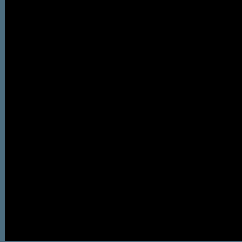
Any Text WCAG AA × Fail

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 37.7997, -6.9663, -8.8627 Background



This preview shows how black text looks on a background with the HunterLab color 37.7997, -6.9663, -8.8627.



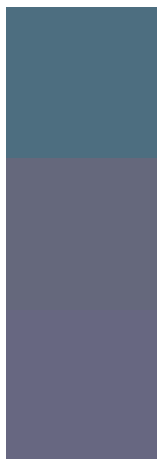
This preview shows how white text looks on a background with the HunterLab color 37.7997, -6.9663, -8.8627.

-8.8627.

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

37.7997, -6.9663, -8.8627

Protanopia

37.5800, 0.5205, -6.9191

Deuteranopia

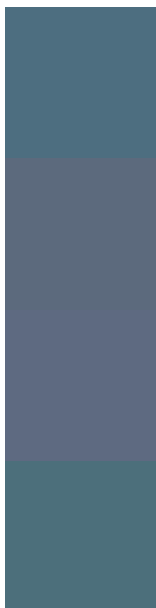
37.6418, 2.4422, -9.4758



Tritanopia

37.7105, -9.3045, -4.8635

Trichromacy



Original Color

37.7997, -6.9663, -8.8627

Protanomaly

37.5021, -2.4700, -7.6089

Deuteranomaly

37.7793, -1.2299, -9.3364

Tritanomaly

37.8622, -8.5533, -6.1633

Monochromacy



Original Color

37.7997, -6.9663, -8.8627

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.8483, -4.2471, -1.5666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7997, -6.9663, -8.8627 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(77, 110, 128)` looks like.

```
.text, #text, p{  
    color:rgb(77, 110, 128)  
}
```

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(77, 110, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 110, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7997, -6.9663, -8.8627 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(77, 110, 128) }
```


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

```
.border{ border-color:rgb(77, 110, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 110, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 110, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 110, 128);  
box-shadow:4px 4px 4px 4px rgb(77, 110,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7997, -6.9663, -8.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 110, 128) }
```

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

```
.background{ background-color: rgb(77, 110,  
128) }
```

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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