

Converting Colors

HunterLab(33.8386, -0.9717,
-16.8780)

Have a look what the booklet for
HunterLab(33.8386, -0.9717,
-16.8780) contains.

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Color

**HunterLab(33.7948, -0.8964,
-16.8635)**

Conversions

Conversions Part 1

Format	Color
Hex	496083
RGB	73, 96, 131
RGB Percent	29%, 38%, 51%
CMY	0.7137, 0.6235, 0.4863
CMYK	0.44, 0.27, 0.00, 0.49
HSL	216°, 28%, 40%
HSV	216°, 44%, 51%
XYZ	11.0272, 11.4209, 23.0960
YIQ	93.1130, -24.9430, 6.0090

Conversions

Conversions Part 2

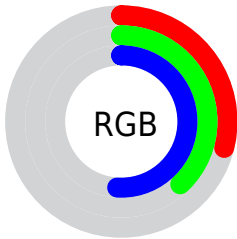
Format	Color
R_{YB}	73, 89, 131
Decimal	4808835
CIE _{Lab}	40.28, 1.27, -22.24
CIE _{LCh}	40, 22.277, 273.280
Yxy	11.4213, 0.2421, 0.2508
Android (android.graphics.Color)	4282998915 (0xFF496083)
YUV	93.1130, 18.6783, -17.6391
Hunter-Lab	33.7948, -0.8964, -16.8635

Details

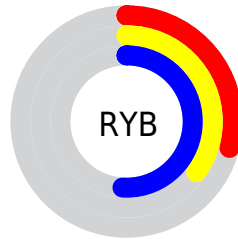
The HunterLab color $33.7948, -0.8964, -16.8635$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $40.0397, 0.9277, 15.3541$, and the grayscale version is $33.0671, -1.7644, 1.7966$.

A 20% lighter version of the original color is $53.2011, -1.6970, -17.7849$, and $17.4524, -0.3013, -15.6973$ is the 20% darker color. If you saturate the color by 10%, you get $30.9703, 0.2792, -22.0194$, and if you desaturate by 10%, it is $36.7476, -1.7206, -12.0316$.

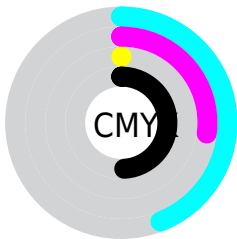
Distribution



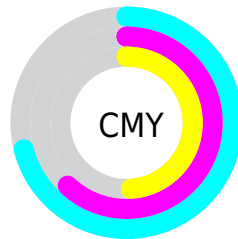
- Red (29%)
- Green (38%)
- Blue (51%)



- Red (29%)
- Yellow (35%)
- Blue (51%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7948, -0.8964, -16.8635 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 33.7948, -0.8964, -16.8635 by changing the saturation by 10% instead.

■ 33.7948, -0.8964,
-16.8635

■ 33.7948, -0.8964,
-16.8635

■ 141.6106, -6.1036,
-18.6720

■ 25.2011, -0.5212,
-16.3756

■ 53.3260, -1.7920,
-17.6817

■ 17.4918, -0.2027,
-15.8823

■ 64.1486, -2.3034,
-17.9976

■ 10.7840, 0.0486,
-15.5189

■ 75.6180, -2.8531,
-18.2510

■ 1.7644, 3.0536,
-57.0107

■ 87.6996, -3.4387,
-18.4443

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 100.3638, -4.0582,
-18.5802

0.0000, NaN, NaN

113.5850, -4.7098,

0.0000, NaN, NaN

-18.6616

0.0000, NaN, NaN

127.3406, -5.3920,
-18.6914

■ 33.7948, -0.8964,
-16.8635

■ 33.7948, -0.8964,
-16.8635

■ 30.9703, 0.2792,
-22.0194

■ 36.7476, -1.7206,
-12.0316

■ 28.2909, 1.8667,
-27.5361

■ 39.8117, -2.2460,
-7.4864

■ 25.7790, 3.9284,
-33.4327

■ 42.9748, -2.5183,
-3.1882

■ 23.4600, 6.5192,
-39.6980

■ 46.2267, -2.5753,
0.8986

■ 21.3584, 9.6584,
-46.2780

■ 49.5586, -2.4485,
4.8055

■ 20.2240, 11.5849,
-50.2866

■ 52.9632, -2.1636,
8.5597

■ 56.4344, -1.7420,
12.1846

■ 59.9670, -1.2015,
15.6998

■ 63.5565, -0.5565,
19.1220

Harmonies

Analogous

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



33.7954, -8.6181, -14.5222



33.7948, -0.8964, -16.8635



33.7954, 7.3066, -13.2873

Triad

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



33.7954, -0.8965, -16.8628



33.7954, 12.4398, 9.0897



33.7954, -14.7884, 7.9223

Complementary

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



33.7948, -0.8964, -16.8635



40.0397, 0.9277, 15.3541

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.



33.7954, -10.0432, 12.1446



33.7948, -0.8964, -16.8635



33.7954, 5.5945, 12.6970

Square

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



33.7954, -0.8965, -16.8628



33.7954, 15.4547, 2.6881



33.7954, -2.7041, 13.6654



33.7954, -16.1733, 0.9685

Rectangle

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



33.7948, -0.8964, -16.8635



33.7954, 11.8111, -8.4342



33.7954, -2.7041, 13.6654



33.7954, -13.5572, 9.6469

Sweetspot

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



33.7954, -0.8965, -16.8628



57.9274, -3.3894, -3.7225



43.2756, -19.7994, 6.9580



27.5475, -1.6154, -2.3224



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



33.7954, -0.8965, -16.8628



41.4630, 0.3645, -29.4304



28.3864, 11.2408, -27.1616



21.9663, -1.2660, -0.5242



20.0773, 11.4659, -49.8463



1.6595, -0.2209, -1.5974

Inverse Universe

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



32.3037, 20.0228, -0.0559



39.6083, 33.5135, 0.1649



45.9227, -11.1540, 19.9634



21.7188, 0.9767, 0.8410



22.3470, 39.3621, 5.9732



1.3664, 2.5022, -0.3742

Previews

White Background



This preview shows how the HunterLab color 33.7948, -0.8964, -16.8635 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 33.7948, -0.8964, -16.8635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

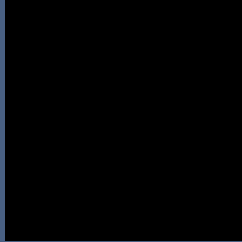
Any Text WCAG AA × Fail

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 33.7948, -0.8964, -16.8635 Background



This preview shows how black text looks on a background with the HunterLab color 33.7948, -0.8964, -16.8635.

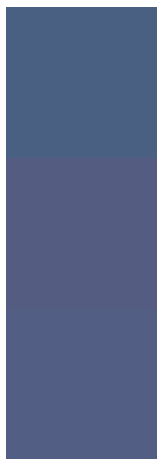


This preview shows how white text looks on a background with the HunterLab color 33.7948, -0.8964, -16.8635.

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

33.7948, -0.8964, -16.8635

Protanopia

33.6132, 2.4215, -15.8793

Deuteranopia

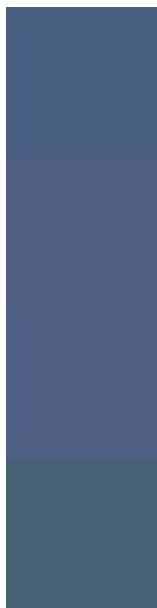
33.8603, 2.1448, -17.3223



Tritanopia

33.7496, -8.4005, -4.2745

Trichromacy



Original Color

33.7948, -0.8964, -16.8635

Protanomaly

33.6491, 1.2713, -16.4554

Deuteranomaly

33.9303, 1.0239, -17.2200

Tritanomaly

33.8376, -6.1027, -8.2077

Monochromacy



Original Color

33.7948, -0.8964, -16.8635

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.2346, -1.7966, -4.3675

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7948, -0.8964, -16.8635 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(73, 96, 131)` looks like.

```
.text, #text, p{  
    color:rgb(73, 96, 131)  
}
```

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(73, 96, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 96, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7948, -0.8964, -16.8635 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(73, 96, 131) }
```


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

```
.border{ border-color:rgb(73, 96, 131) }
```

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

Here you see how a box with a 4 pixel rgb(73, 96, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 96, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 96, 131);  
box-shadow:4px 4px 4px 4px rgb(73, 96,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7948, -0.8964, -16.8635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 96, 131) }
```

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

```
.background{ background-color: rgb(73, 96,  
131) }
```

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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