

Converting Colors

HunterLab(33.4239, 21.9426,
-12.1219)

Have a look what the booklet for
HunterLab(33.4239, 21.9426,
-12.1219) contains.

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Color

**HunterLab(33.4487, 21.8420,
-12.2226)**

Conversions

Conversions Part 1

Format	Color
Hex	804C7B
RGB	128, 76, 123
RGB Percent	50%, 30%, 48%
CMY	0.4980, 0.7019, 0.5176
CMYK	0.00, 0.41, 0.04, 0.50
HSL	306°, 25%, 40%
HSV	306°, 41%, 50%
XYZ	15.0617, 11.1882, 20.1046
YIQ	96.9060, 15.9050, 25.6410

Conversions

Conversions Part 2

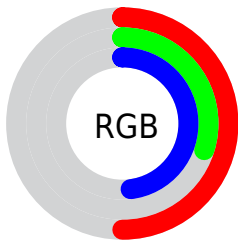
Format	Color
R_{YB}	128, 76, 123
Decimal	8408187
CIE _{Lab}	39.90, 29.64, -17.51
CIE _{LCh}	40, 34.429, 329.421
Yxy	11.1887, 0.3249, 0.2414
Android (android.graphics.Color)	4286598267 (0xFF804C7B)
YUV	96.9060, 12.8643, 27.2694
Hunter-Lab	33.4487, 21.8420, -12.2226

Details

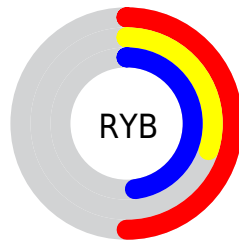
The HunterLab color $[33.4487, 21.8420, -12.2226]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[41.9158, -21.4608, 14.4403]$, and the grayscale version is $[34.4892, -1.8403, 1.8739]$.

A 20% lighter version of the original color is $[52.9163, 24.0728, -12.9934]$, and $[17.1782, 19.1497, -11.4401]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.9294, 27.7648, -15.6076]$, and if you desaturate by 10%, it is $[36.2800, 15.7770, -8.6565]$.

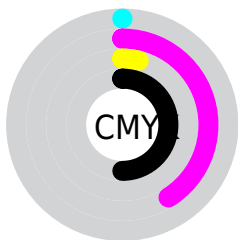
Distribution



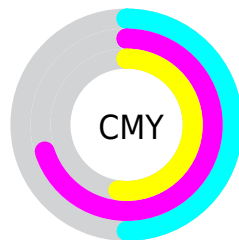
- Red (50%)
- Green (30%)
- Blue (48%)



- Red (50%)
- Yellow (30%)
- Blue (48%)



- Cyan (0%)
- Magenta (41%)
- Yellow (4%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4487, 21.8420, -12.2226 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 33.4487, 21.8420, -12.2226 by changing the saturation by 10% instead.

33.4487, 21.8420,
-12.2226

33.4487, 21.8420,
-12.2226

141.0522, 27.9246,
-12.6979

24.8875, 20.6356,
-11.8490

52.9231, 23.8575,
-12.7561

17.2143, 19.2860,
-11.4195

63.7200, 24.6950,
-12.9201

10.5481, 17.8137,
-10.9938

75.1652, 25.4336,
-13.0205

0.0000, INF, -NF

0.0000, NaN, -NF

87.2238, 26.0828,
-13.0611

0.0000, NaN, NaN

99.8661, 26.6503,
-13.0460

0.0000, NaN, NaN

113.0663, 27.1428,

0.0000, NaN, NaN

-12.9784

0.0000, NaN, NaN

126.8017, 27.5660,
-12.8615

■ 33.4487, 21.8420,
-12.2226

■ 33.4487, 21.8420,
-12.2226

■ 30.9294, 27.7648,
-15.6076

■ 36.2800, 15.7770,
-8.6565

■ 28.7650, 33.3299,
-18.6717

■ 39.3786, 9.7154,
-5.0112

■ 26.9992, 38.2423,
-21.2330

■ 42.7076, 3.7372,
-1.3478

■ 25.6631, 42.1741,
-23.1013

■ 46.2354, -2.1187,
2.2983

■ 24.7649, 44.8526,
-24.1331

■ 49.9356, -7.8393,
5.9091

■ 24.1724, 46.5827,
-24.5868

■ 53.7863, -13.4267,
9.4776

■ 57.7697, -18.8906,
13.0032

■ 61.8711, -24.2442,
16.4884

■ 66.0782, -29.5016,
19.9375

Harmonies

Analogous

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



33.4495, 11.0227, -25.2605



33.4487, 21.8420, -12.2226



33.4495, 26.1821, 1.5862

Triad

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



33.4495, 21.8408, -12.2217



33.4495, -1.5405, 17.6800



33.4495, -20.4491, -11.6594

Complementary

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



33.4487, 21.8420, -12.2226



41.9158, -21.4608, 14.4403

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.



33.4495, -22.8031, 2.0536



33.4487, 21.8420, -12.2226



33.4495, -12.9181, 16.3568

Square

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



33.4495, 21.8408, -12.2217



33.4495, 11.5112, 16.2454



33.4495, -20.2604, 11.5839



33.4495, -13.2849, -24.8598

Rectangle

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



33.4487, 21.8420, -12.2226



33.4495, 24.3883, 8.6381



33.4495, -20.2604, 11.5839



33.4495, -21.7773, -6.8248

Sweetspot

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



33.4495, 21.8408, -12.2217



55.9188, 6.2598, -2.5913



29.0655, 9.4292, -23.5841



26.8312, 3.4256, -1.4981



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.



33.4495, 21.8408, -12.2217



41.1949, 36.4596, -20.4952



32.6101, 17.7909, -0.4548



20.9893, 1.3758, -0.3830



24.0704, 46.3864, -24.4858

0.0000, NaN, NaN

Inverse Universe

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



33.4495, 21.8408, -12.2217



41.1949, 36.4596, -20.4952



42.4533, -18.2918, 6.6679



20.9893, 1.3758, -0.3830

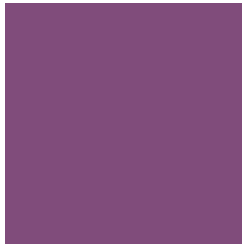


24.0704, 46.3864, -24.4858

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 33.4487, 21.8420, -12.2226 looks on a white background.

Color Contrast Check

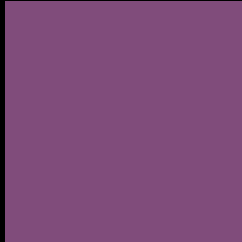
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4487, 21.8420, -12.2226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

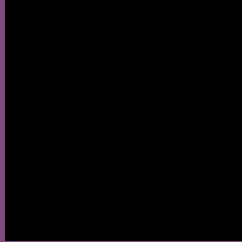
Any Text WCAG AA × Fail

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 33.4487, 21.8420, -12.2226 Background



This preview shows how black text looks on a background with the HunterLab color 33.4487, 21.8420, -12.2226.



This preview shows how white text looks on a background with the HunterLab color 33.4487, 21.8420, -12.2226.

-12.2226.

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

33.4487, 21.8420, -12.2226

Protanopia

33.6981, 3.2772, -20.1601

Deuteranopia

33.7023, 2.0404, -10.4574



Tritanopia

33.4557, 11.9257, 4.0747

Trichromacy



Original Color

33.4487, 21.8420, -12.2226

Protanomaly

33.2442, 9.1649, -17.6506

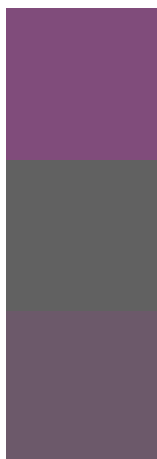
Deuteranomaly

33.3765, 8.8073, -11.4129

Tritanomaly

33.2218, 15.3377, -1.2331

Monochromacy



Original Color

33.4487, 21.8420, -12.2226

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

33.7246, 6.3924, -3.0795

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4487, 21.8420, -12.2226 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(128, 76, 123)` looks like.

```
.text, #text, p{  
  color:rgb(128, 76, 123)  
}
```

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(128, 76, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 76, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4487, 21.8420, -12.2226 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(128, 76, 123) }
```


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

```
.border{ border-color:rgb(128, 76, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 76, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 76, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 76, 123);  
box-shadow:4px 4px 4px 4px rgb(128, 76,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4487, 21.8420, -12.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 76, 123) }
```

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

```
.background{ background-color: rgb(128, 76,  
123) }
```

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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