

Converting Colors

HunterLab(33.2428, -9.5916,
12.4416)

Have a look what the booklet for
HunterLab(33.2428, -9.5916,
12.4416) contains.

HunterLab(33.2426, -9.5917, 12.4419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.2426, -9.5917,
12.4419)**

Conversions

Conversions Part 1

Format	Color
Hex	56623D
RGB	86, 98, 61
RGB Percent	34%, 38%, 24%
CMY	0.6627, 0.6157, 0.7608
CMYK	0.12, 0.00, 0.38, 0.62
HSL	79°, 23%, 31%
HSV	79°, 38%, 38%
XYZ	9.0477, 11.0507, 6.0710
YIQ	90.1940, 4.7250, -14.0510

Conversions

Conversions Part 2

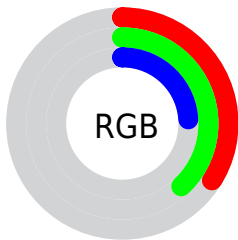
Format	Color
R _Y B	61, 98, 73
Decimal	5661245
CIE Lab	39.67, -11.64, 19.57
CIE LCh	40, 22.770, 120.746
Yxy	11.0512, 0.3457, 0.4223
Android (android.graphics.Color)	4283851325 (0xFF56623D)
YUV	90.1940, -14.3926, -3.6781
Hunter-Lab	33.2426, -9.5917, 12.4419

Details

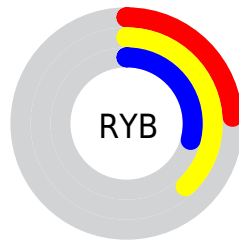
The HunterLab color **33.2426, -9.5917, 12.4419** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **23.7404, 8.2395, -14.0871**, and the grayscale version is **32.0976, -1.7126, 1.7439**.

A 20% lighter version of the original color is **52.7572, -12.2697, 16.0344**, and **17.1778, -7.0730, 8.4859** is the 20% darker color. If you saturate the color by 10%, you get **32.8747, -11.2621, 14.3696**, and if you desaturate by 10%, it is **33.6466, -7.7616, 10.1513**.

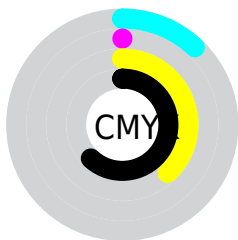
Distribution



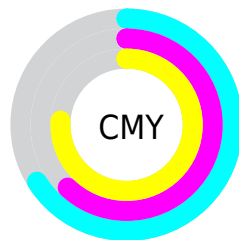
- Red (34%)
- Green (38%)
- Blue (24%)



- Red (24%)
- Yellow (38%)
- Blue (29%)



- Cyan (12%)
- Magenta (0%)
- Yellow (38%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2426, -9.5917, 12.4419 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 33.2426, -9.5917, 12.4419 by changing the saturation by 10% instead.

■ 33.2426, -9.5917,
12.4419

■ 33.2426, -9.5917,
12.4419

■ 140.7190,
-20.5502, 27.2835

■ 24.7008, -8.3233,
10.5241

■ 52.6828, -12.0468,
15.9917

■ 17.0492, -6.9964,
8.4466

■ 63.4644, -13.2554,
17.6772

■ 10.4079, -5.6432,
7.2856

■ 74.8951, -14.4606,
19.3250

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.9399, -15.6667,
20.9456

0.0000, NaN, NaN

■ 99.5691, -16.8768,
22.5465

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.7568,

-18.0930, 24.1337

0.0000, NaN, NaN

126.4801,
-19.3171, 25.7116

■ 33.2426, -9.5917,
12.4419

■ 33.2426, -9.5917,
12.4419

■ 32.8747, -11.2621,
14.3696

■ 33.6466, -7.7616,
10.1513

■ 32.5402, -12.7688,
15.9382

■ 34.0848, -5.7724,
7.4966

■ 32.2389, -14.1134,
17.1574

■ 34.5581, -3.6293,
4.4815

■ 31.9697, -15.2992,
18.0427

■ 35.0664, -1.3380,
1.1124

■ 31.7307, -16.3323,
18.6165

■ 35.6094, 1.0948,
-2.6015

■ 31.5140, -17.2582,
18.9978

■ 36.1867, 3.6620,
-6.6489

■ 31.4666, -17.4620,
19.0839

■ 36.7979, 6.3559,
-11.0169

■ 37.4423, 9.1685,
-15.6913

■ 38.1192, 12.0919,
-20.6572

Harmonies

Analogous

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



33.2433, -1.9844, 13.7460



33.2426, -9.5917, 12.4419



33.2433, -14.6567, 8.4419

Triad

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



33.2433, -9.5926, 12.4422



33.2433, -9.2639, -14.4655



33.2433, 15.8516, 2.0078

Complementary

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



33.2426, -9.5917, 12.4419



23.7404, 8.2395, -14.0871

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.



33.2433, 13.4253, -6.5536



33.2426, -9.5917, 12.4419



33.2433, -1.5662, -17.3733

Square

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



33.2433, -9.5926, 12.4422



33.2433, -14.4805, -6.9847



33.2433, 6.8380, -14.1765



33.2433, 13.1804, 8.7095

Rectangle

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



33.2426, -9.5917, 12.4419



33.2433, -16.1854, 4.1733



33.2433, 6.8380, -14.1765



33.2433, 15.6030, -0.7416

Sweetspot

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



33.2433, -9.5926, 12.4422



45.5176, -5.8407, 7.4126



27.6800, 4.7206, 7.6821



22.1653, -2.9663, 3.7818



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.2433, -9.5926, 12.4422



43.5846, -14.6090, 18.6904



32.0842, -13.9810, 11.3667



17.1209, -1.9225, 2.3984



36.2782, -20.2799, 21.9994



83.5582, -48.0418, 50.6471

Inverse Universe

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



23.7404, 8.2395, -14.0871



28.3763, 14.2270, -24.5762



25.4062, 13.2178, -11.0812



15.9722, 0.1985, -0.7163



12.4760, 30.7779, -64.9006



28.0761, 70.4250, -155.0632

Previews

White Background



This preview shows how the HunterLab color 33.2426, -9.5917, 12.4419 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 33.2426, -9.5917, 12.4419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

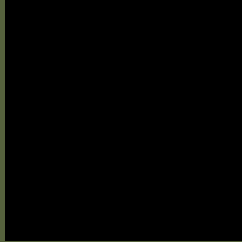
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

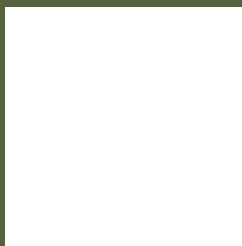
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.2426, -9.5917, 12.4419 Background



This preview shows how black text looks on a background with the HunterLab color 33.2426, -9.5917, 12.4419.



This preview shows how white text looks on a background with the HunterLab color 33.2426, -9.5917,

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

33.2426, -9.5917, 12.4419

Protanopia

33.1199, -3.0769, 12.9473

Deuteranopia

33.0883, 2.2548, 12.0019



Tritanopia

33.1548, -1.0724, -1.6060

Trichromacy



Original Color

33.2426, -9.5917, 12.4419

Protanomaly

33.1624, -5.6524, 12.6925

Deuteranomaly

32.9934, -2.0669, 12.1044

Tritanomaly

33.1363, -4.7033, 4.5831

Monochromacy



Original Color

33.2426, -9.5917, 12.4419

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.4300, -4.7632, 6.3761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2426, -9.5917, 12.4419 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(86, 98, 61)` looks like.

```
.text, #text, p{  
    color:rgb(86, 98, 61)  
}
```

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(86, 98, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 98, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2426, -9.5917, 12.4419 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(86, 98, 61) }
```


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

```
.border{ border-color:rgb(86, 98, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 98, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 98, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 98, 61);  
box-shadow:4px 4px 4px 4px rgb(86, 98, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.2426, -9.5917, 12.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 98, 61) }
```

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

```
.background{ background-color: rgb(86, 98,  
61) }
```

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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