

Converting Colors

HunterLab(33.9485, -13.7415,
9.5336)

Have a look what the booklet for
HunterLab(33.9485, -13.7415,
9.5336) contains.

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Color

**HunterLab(33.9428,
-13.9036, 9.6616)**

Conversions

Conversions Part 1

Format	Color
Hex	476749
RGB	71, 103, 73
RGB Percent	28%, 40%, 29%
CMY	0.7216, 0.5961, 0.7137
CMYK	0.31, 0.00, 0.29, 0.60
HSL	124°, 18%, 34%
HSV	124°, 31%, 40%
XYZ	8.6514, 11.5211, 8.0711
YIQ	90.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

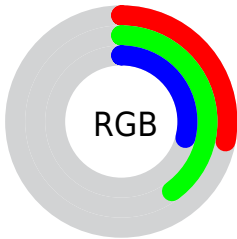
Format	Color
R_{YB}	71, 101, 103
Decimal	4679497
CIE _{Lab}	40.45, -18.38, 13.30
CIE _{LCh}	40, 22.691, 144.104
Yxy	11.5216, 0.3063, 0.4079
Android (android.graphics.Color)	4282869577 (0xFF476749)
YUV	90.0120, -8.3869, -16.6735
Hunter-Lab	33.9428, -13.9036, 9.6616

Details

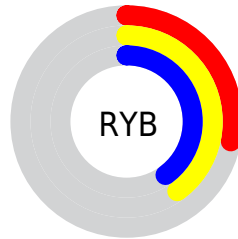
The HunterLab color $[33.9428, -13.9036, 9.6616]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[28.8615, 12.5523, -7.2892]$, and the grayscale version is $[32.0128, -1.7081, 1.7393]$.

A 20% lighter version of the original color is $[53.3942, -17.1707, 12.1552]$, and $[17.6741, -10.3584, 6.8099]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.2360, -17.0052, 11.7028]$, and if you desaturate by 10%, it is $[34.7604, -10.4149, 7.3963]$.

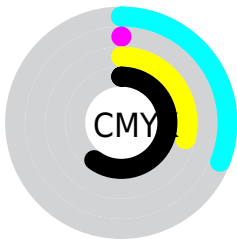
Distribution



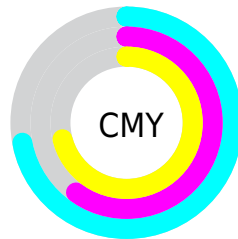
- Red (28%)
- Green (40%)
- Blue (29%)



- Red (28%)
- Yellow (40%)
- Blue (40%)



- Cyan (31%)
- Magenta (0%)
- Yellow (29%)
- Black (60%)



- Cyan (72%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9428, -13.9036, 9.6616 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 33.9428, -13.9036, 9.6616 by changing the saturation by 10% instead.

■ 33.9428, -13.9036,
9.6616

■ 33.9428, -13.9036,
9.6616

141.8492,
-27.9942, 21.4474

■ 25.3354, -12.1394,
8.2517

■ 53.4984, -17.2158,
12.3504

■ 17.6108, -10.2495,
6.7589

■ 64.3319, -18.8053,
13.6601

■ 10.8853, -8.3842,
5.8280

■ 75.8116, -20.3676,
14.9591

■ 2.2208, -3.8863,
1.5545

■ 87.9030, -21.9109,
16.2530

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5766,
-23.4412, 17.5461

0.0000, NaN, NaN

113.8067,

0.0000, NaN, NaN

-24.9630, 18.8414

0.0000, NaN, NaN

127.5709,
-26.4797, 20.1413

■ 33.9428, -13.9036,
9.6616

■ 33.9428, -13.9036,
9.6616

■ 33.2360, -17.0052,
11.7028

■ 34.7604, -10.4149,
7.3963

■ 32.6385, -19.6862,
13.4967

■ 35.6847, -6.5749,
4.9309

■ 32.1499, -21.9244,
15.0266

■ 36.7133, -2.4253,
2.2922

■ 31.7673, -23.7094,
16.2820

■ 37.8424, 1.9925,
-0.4936

■ 31.4856, -25.0453,
17.2608

■ 39.0675, 6.6384,
-3.4015

■ 31.2969, -25.9542,
17.9701

■ 40.3837, 11.4748,
-6.4087

■ 31.1690, -26.5658,
18.3894

■ 41.7861, 16.4682,
-9.4950

■ 43.2697, 21.5888,
-12.6428

■ 44.8294, 26.8112,
-15.8371

Harmonies

Analogous

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



33.9435, -8.1458, 13.0723



33.9428, -13.9036, 9.6616



33.9435, -16.3995, 3.3848

Triad

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



33.9435, -13.9042, 9.6620



33.9435, -3.4524, -17.2083



33.9435, 14.1825, 7.5301

Complementary

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



33.9428, -13.9036, 9.6616



28.8615, 12.5523, -7.2892

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.



33.9435, 15.7474, 0.2350



33.9428, -13.9036, 9.6616



33.9435, 5.0211, -15.3325

Square

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



33.9435, -13.9042, 9.6620



33.9435, -10.7530, -13.0618



33.9435, 12.2506, -8.4238



33.9435, 8.1603, 12.0666

Rectangle

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



33.9428, -13.9036, 9.6616



33.9435, -16.0691, -2.1035



33.9435, 12.2506, -8.4238



33.9435, 15.2702, 5.3744

Sweetspot

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



33.9435, -13.9042, 9.6620



47.9882, -7.8248, 5.9770



35.9804, -6.4108, 12.2354



23.6300, -4.1637, 3.1428



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.9435, -13.9042, 9.6620



44.7403, -21.5740, 14.8782



34.2858, -11.9178, 4.7256



17.7346, -2.8181, 2.1615



34.9575, -29.8155, 20.6693



79.8048, -68.2765, 47.6403

Inverse Universe

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



28.8615, 12.5523, -7.2892



36.5373, 21.2724, -12.5514



28.3770, 10.1155, -0.4691



16.9888, 1.0428, -0.3155



21.6833, 42.0850, -24.3738



49.4707, 95.9426, -55.0279

Previews

White Background



This preview shows how the HunterLab color 33.9428, -13.9036, 9.6616 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

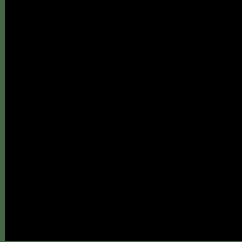
Any Text WCAG AA × Fail

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 33.9428, -13.9036, 9.6616 Background



This preview shows how black text looks on a background with the HunterLab color 33.9428, -13.9036, 9.6616.



This preview shows how white text looks on a background with the HunterLab color 33.9428,

-13.9036, 9.6616.

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

33.9428, -13.9036, 9.6616

Protanopia

33.8214, -3.0015, 10.9181

Deuteranopia

33.7394, 2.3324, 8.8155



Tritanopia

34.0044, -6.0893, -3.4065

Trichromacy



Original Color

33.9428, -13.9036, 9.6616

Protanomaly

33.7664, -7.3511, 10.5038

Deuteranomaly

33.4353, -4.1318, 8.7264

Tritanomaly

33.8178, -8.9087, 1.7012

Monochromacy



Original Color

33.9428, -13.9036, 9.6616

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.6550, -6.5305, 4.7788

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9428, -13.9036, 9.6616 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(71, 103, 73)` looks like.

```
.text, #text, p{  
    color:rgb(71, 103, 73)  
}
```

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(71, 103, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 103, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9428, -13.9036, 9.6616 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(71, 103, 73) }
```


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

```
.border{ border-color:rgb(71, 103, 73) }
```

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

Here you see how a box with a 4 pixel rgb(71, 103, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 103, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 103, 73);  
box-shadow:4px 4px 4px 4px rgb(71, 103,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9428, -13.9036, 9.6616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 103, 73) }
```

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

```
.background{ background-color: rgb(71, 103,  
73) }
```

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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