

Converting Colors

HunterLab(33.9214, -12.4080,
9.0501)

Have a look what the booklet for
HunterLab(33.9214, -12.4080,
9.0501) contains.

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Color

**HunterLab(33.9214,
-12.4080, 9.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	4B664B
RGB	75, 102, 75
RGB Percent	29%, 40%, 29%
CMY	0.7059, 0.6000, 0.7059
CMYK	0.26, 0.00, 0.26, 0.60
HSL	120°, 15%, 35%
HSV	120°, 26%, 40%
XYZ	8.9230, 11.5066, 8.4073
YIQ	90.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

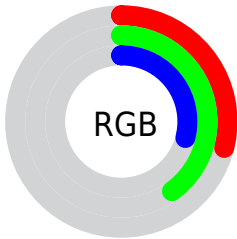
Format	Color
R_{YB}	75, 102, 102
Decimal	4941387
CIE _{Lab}	40.42, -15.95, 12.11
CIE _{LCh}	40, 20.028, 142.785
Yxy	11.5071, 0.3094, 0.3990
Android (android.graphics.Color)	4283131467 (0xFF4B664B)
YUV	90.8490, -7.8136, -13.8996
Hunter-Lab	33.9214, -12.4080, 9.0501

Details

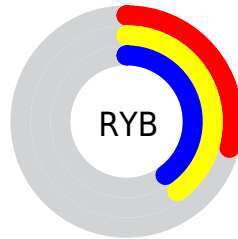
The HunterLab color **33.9214, -12.4080, 9.0501** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29.6926, 10.5240, -6.6207**, and the grayscale version is **32.3192, -1.7245, 1.7560**.

A 20% lighter version of the original color is **53.4067, -15.4480, 11.4691**, and **17.6276, -9.0879, 6.3428** is the 20% darker color. If you saturate the color by 10%, you get **33.1656, -15.7003, 11.2752**, and if you desaturate by 10%, it is **34.7894, -8.7318, 6.5657**.

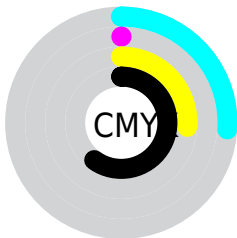
Distribution



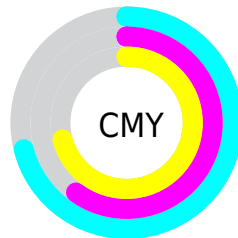
- Red (29%)
- Green (40%)
- Blue (29%)



- Red (29%)
- Yellow (40%)
- Blue (40%)



- Cyan (26%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9214, -12.4080, 9.0501 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 33.9214, -12.4080, 9.0501 by changing the saturation by 10% instead.

■ 33.9214, -12.4080,
9.0501

■ 33.9214, -12.4080,
9.0501

141.8148,
-25.3584, 20.2752

■ 25.3160, -10.8261,
7.7318

■ 53.4735, -15.4065,
11.5827

■ 17.5936, -9.1443,
6.3439

■ 64.3054, -16.8570,
12.8237

■ 10.8707, -7.4103,
5.3765

■ 75.7837, -18.2894,
14.0587

■ 2.1608, -3.7814,
1.5126

■ 87.8737, -19.7101,
15.2926

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5459,
-21.1241, 16.5288

0.0000, NaN, NaN

113.7747,

0.0000, NaN, NaN

-22.5351, 17.7701

0.0000, NaN, NaN

127.5377,
-23.9458, 19.0184

■ 33.9214, -12.4080,
9.0501

■ 33.9214, -12.4080,
9.0501

■ 33.1656, -15.7003,
11.2752

■ 34.7894, -8.7318,
6.5657

■ 32.5211, -18.5708,
13.2157

■ 35.7648, -4.7107,
3.8488

■ 31.9882, -20.9929,
14.8532

■ 36.8447, -0.3883,
0.9290

■ 31.5648, -22.9507,
16.1770

■ 38.0249, 4.1924,
-2.1647

■ 31.2464, -24.4431,
17.1861

■ 39.3006, 8.9908,
-5.4047

■ 31.0260, -25.4861,
17.8914

■ 40.6665, 13.9697,
-8.7658

■ 30.8777, -26.1931,
18.3696

■ 42.1176, 19.0959,
-12.2256

■ 30.8273, -26.4343,
18.5327

■ 43.6487, 24.3407,
-15.7645

■ 45.2547, 29.6798,
-19.3662

Harmonies

Analogous

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



33.9221, -7.1446, 12.0993



33.9214, -12.4080, 9.0501



33.9221, -14.7966, 3.5015

Triad

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



33.9221, -12.4087, 9.0505



33.9221, -3.5790, -14.4993



33.9221, 12.3175, 6.6781

Complementary

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



33.9214, -12.4080, 9.0501



29.6926, 10.5240, -6.6207

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.



33.9221, 13.4779, 0.1036



33.9214, -12.4080, 9.0501



33.9221, 3.8722, -13.1403

Square

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



33.9221, -12.4087, 9.0505



33.9221, -9.9899, -10.7876



33.9221, 10.2702, -7.3947



33.9221, 7.2229, 10.9484

Rectangle

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



33.9214, -12.4080, 9.0501



33.9221, -14.5939, -1.2852



33.9221, 10.2702, -7.3947



33.9221, 13.1974, 4.7054

Sweetspot

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



33.9221, -12.4087, 9.0505



47.1250, -7.2047, 5.7499



35.8276, -5.3961, 10.9663



22.8139, -3.8056, 2.9997



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.9221, -12.4087, 9.0505



44.2593, -19.3040, 13.9261



34.2228, -10.6756, 4.7167



17.7275, -2.8577, 2.2633



34.9350, -29.9567, 21.0022



79.7830, -68.4138, 47.9641

Inverse Universe

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



29.6926, 10.5240, -6.6207



37.3860, 18.0624, -11.6081



29.2747, 8.3910, -0.7341



16.9971, 1.0870, -0.4325



22.0452, 43.3414, -29.0748



50.3458, 98.9812, -66.3995

Previews

White Background



This preview shows how the HunterLab color 33.9214, -12.4080, 9.0501 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

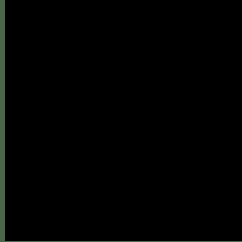
Any Text WCAG AA × Fail

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 33.9214, -12.4080, 9.0501 Background



This preview shows how black text looks on a background with the HunterLab color 33.9214, -12.4080, 9.0501.



This preview shows how white text looks on a background with the HunterLab color 33.9214,

-12.4080, 9.0501.

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

33.9214, -12.4080, 9.0501

Protanopia

33.8778, -2.6905, 10.0985

Deuteranopia

33.6645, 2.1224, 8.4154



Tritanopia

33.8843, -5.1565, -3.0703

Trichromacy



Original Color

33.9214, -12.4080, 9.0501

Protanomaly

33.8994, -6.7530, 9.7459

Deuteranomaly

33.5375, -3.7288, 8.5125

Tritanomaly

33.7188, -7.8210, 1.6036

Monochromacy



Original Color

33.9214, -12.4080, 9.0501

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.8201, -5.8856, 4.5948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9214, -12.4080, 9.0501 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(75, 102, 75)` looks like.

```
.text, #text, p{  
    color:rgb(75, 102, 75)  
}
```

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(75, 102, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 102, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9214, -12.4080, 9.0501 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(75, 102, 75) }
```


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

```
.border{ border-color:rgb(75, 102, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 102, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 102, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 102, 75);  
box-shadow:4px 4px 4px 4px rgb(75, 102,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9214, -12.4080, 9.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 102, 75) }
```

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

```
.background{ background-color: rgb(75, 102,  
75) }
```

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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