

Converting Colors

HunterLab(33.7475, -9.8570,
6.8899)

Have a look what the booklet for
HunterLab(33.7475, -9.8570, 6.8899)
contains.

HunterLab(33.7205, -9.9566, 6.9166)	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(33.7205, -9.9566,
6.9166)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6451
RGB	79, 100, 81
RGB Percent	31%, 39%, 32%
CMY	0.6902, 0.6078, 0.6823
CMYK	0.21, 0.00, 0.19, 0.61
HSL	126°, 12%, 35%
HSV	126°, 21%, 39%
XYZ	9.2669, 11.3707, 9.4910
YIQ	91.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

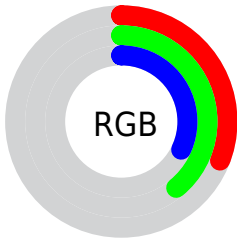
Format	Color
R_{YB}	79, 98, 100
Decimal	5203025
CIE _{Lab}	40.20, -12.11, 8.22
CIE _{LCh}	40, 14.631, 145.836
Yxy	11.3712, 0.3076, 0.3774
Android (android.graphics.Color)	4283393105 (0xFF4F6451)
YUV	91.5550, -5.2036, -11.0107
Hunter-Lab	33.7205, -9.9566, 6.9166

Details

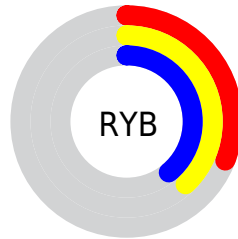
The HunterLab color **33.7205, -9.9566, 6.9166** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30.3042, 7.3816, -3.8064**, and the grayscale version is **32.5707, -1.7379, 1.7696**.

A 20% lighter version of the original color is **53.2298, -12.6778, 9.0545**, and **17.3599, -7.2320, 4.8701** is the 20% darker color. If you saturate the color by 10%, you get **32.9352, -13.3041, 9.0392**, and if you desaturate by 10%, it is **34.6088, -6.2819, 4.6261**.

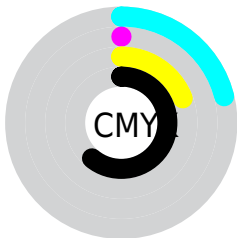
Distribution



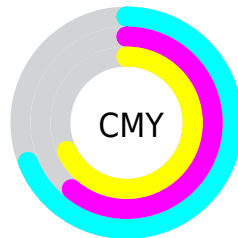
- Red (31%)
- Green (39%)
- Blue (32%)



- Red (31%)
- Yellow (38%)
- Blue (39%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (61%)



- Cyan (69%)
- Magenta (61%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7205, -9.9566, 6.9166 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 33.7205, -9.9566, 6.9166 by changing the saturation by 10% instead.

■ 33.7205, -9.9566,
6.9166

■ 33.7205, -9.9566,
6.9166

141.4909,
-21.1282, 16.3457

■ 25.1338, -8.6564,
5.8890

■ 53.2396, -12.4681,
8.9514

■ 17.4323, -7.2950,
4.8339

■ 64.0567, -13.7023,
9.9730

■ 10.7333, -5.8513,
3.8955

■ 75.5209, -14.9318,
11.0031

■ 1.4834, -2.5960,
1.0384

■ 87.5976, -16.1611,
12.0443

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.2571,
-17.3933, 13.0981

0.0000, NaN, NaN

113.4738,

0.0000, NaN, NaN

-18.6308, 14.1658

0.0000, NaN, NaN

127.2251,
-19.8753, 15.2481

■ 33.7205, -9.9566,
6.9166

■ 33.7205, -9.9566,
6.9166

■ 32.9352, -13.3041,
9.0392

■ 34.6088, -6.2819,
4.6261

■ 32.2528, -16.2870,
10.9696

■ 35.5953, -2.3163,
2.1905

■ 31.6746, -18.8760,
12.6872

■ 36.6768, 1.9010,
-0.3665

■ 31.1996, -21.0494,
14.1751

■ 37.8494, 6.3325,
-3.0227

■ 30.8252, -22.7964,
15.4215

■ 39.1084, 10.9434,
-5.7580

■ 30.5468, -24.1197,
16.4214

■ 40.4492, 15.7021,
-8.5549

■ 30.3570, -25.0386,
17.1776

■ 41.8671, 20.5809,
-11.3982

■ 30.2253, -25.6717,
17.6388

■ 43.3574, 25.5561,
-14.2751

■ 44.9157, 30.6073,
-17.1751

Harmonies

Analogous

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



33.7212, -6.2010, 9.5597



33.7205, -9.9566, 6.9166



33.7212, -11.5300, 2.5437

Triad

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



33.7212, -9.9573, 6.9170



33.7212, -2.5504, -9.5555



33.7212, 8.0457, 5.8566

Complementary

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



33.7205, -9.9566, 6.9166



30.3042, 7.3816, -3.8064

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.



33.7212, 9.1735, 1.1117



33.7205, -9.9566, 6.9166



33.7212, 2.8367, -8.3011

Square

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



33.7212, -9.9573, 6.9170



33.7212, -7.4273, -7.3862



33.7212, 7.2125, -4.1851



33.7212, 4.2200, 9.0183

Rectangle

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



33.7205, -9.9566, 6.9166



33.7212, -11.2059, -0.9680



33.7212, 7.2125, -4.1851



33.7212, 8.7628, 4.4173

Sweetspot

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



33.7212, -9.9573, 6.9170



46.4371, -5.8286, 4.5909



35.0572, -5.1736, 9.0009



23.0079, -2.9984, 2.3432



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.



33.7212, -9.9573, 6.9170



44.1384, -15.3369, 10.5172



33.9659, -8.5632, 3.4032



17.7383, -2.7972, 2.1079



34.9693, -29.7412, 20.4941



79.8219, -68.1693, 47.3876

Inverse Universe

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



30.3042, 7.3816, -3.8064



38.6393, 12.6055, -6.7553



30.0034, 5.8155, 0.4517



16.9845, 1.0198, -0.2545



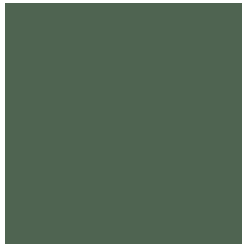
21.5029, 41.4555, -22.0048



49.0361, 94.4247, -49.3121

Previews

White Background



This preview shows how the HunterLab color 33.7205, -9.9566, 6.9166 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 33.7205, -9.9566, 6.9166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

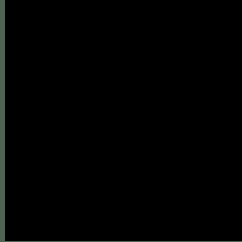
Any Text WCAG AA × Fail

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 33.7205, -9.9566, 6.9166 Background



This preview shows how black text looks on a background with the HunterLab color 33.7205, -9.9566, 6.9166.

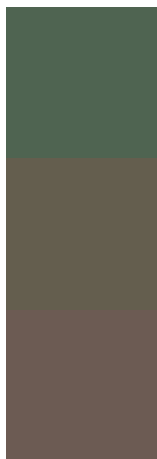


This preview shows how white text looks on a background with the HunterLab color 33.7205, -9.9566,

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

33.7205, -9.9566, 6.9166

Protanopia

33.5631, -2.1834, 7.9105

Deuteranopia

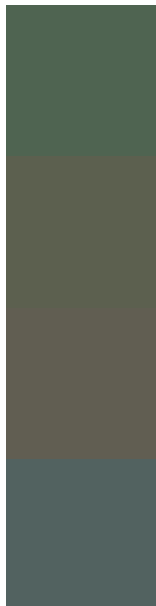
33.6078, 2.1956, 6.3101



Tritanopia

33.7459, -4.3581, -2.2925

Trichromacy



Original Color

33.7205, -9.9566, 6.9166

Protanomaly

33.4747, -5.2154, 7.4339

Deuteranomaly

33.4006, -2.5748, 6.3661

Tritanomaly

33.7250, -6.3092, 1.2156

Monochromacy



Original Color

33.7205, -9.9566, 6.9166

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.0382, -4.9548, 3.7027

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7205, -9.9566, 6.9166 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(79, 100, 81)` looks like.

```
.text, #text, p{  
    color:rgb(79, 100, 81)  
}
```

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(79, 100, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 100, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7205, -9.9566, 6.9166 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(79, 100, 81) }
```


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

```
.border{ border-color:rgb(79, 100, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 100, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 100, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 100, 81);  
box-shadow:4px 4px 4px 4px rgb(79, 100,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7205, -9.9566, 6.9166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 100, 81) }
```

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

```
.background{ background-color: rgb(79, 100,  
81) }
```

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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